

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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416 Main Street
 P.O. Box 225
 Victoria, KS 67671
 Office (785) 639-3949
 24 Hour Service Line (785) 639-7269

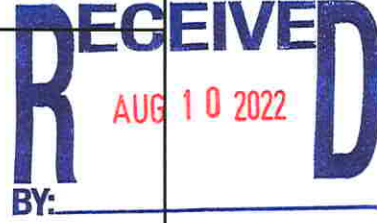
Invoice

Date	Invoice #
7/25/2022	0659

Please Pay from this Invoice.
 Remit Payment to:
 416 Main Street PO BOX 225
 Victoria, KS 67671
 Billing Questions-Call Tianna at
 (785) 639-3949
 Email: franksoilfield@yahoo.com

KCC License Number
 35469

Bill To
 Palomino Petroleum, Inc
 4924 SE 84th St
 Newton, KS 67114-8827



County/State	Lease/Well#	Terms	Job Type
Barton County, KS	Scarface 1	Net 30	PTA

Description	Quantity	Rate	Amount
Pump Charge	1	1,500.00	1,500.00
Mileage	42	6.50	273.00
9.79 tons at 42 miles	411.18	1.50	616.77
60/40 4% gel 1/4# floseal	220	16.75	3,685.00T
Discount		-607.47	-607.47

Thank-you!

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.	Subtotal	\$5,467.30
<i>We appreciate your business and look forward to serving you again!</i>	Sales Tax (7.5%)	\$248.74
	Balance Due	\$5,716.04

FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
 ◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0659
 LOCATION Victoria
 FOREMAN Tom Williams

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-25-22	30792	Scarf	1	19	16	12W Burton
CUSTOMER Palomino Petroleum Inc			TRUCK #			
MAILING ADDRESS 4924 SE 94th Street			DRIVER			
CITY Newton			TRUCK #			
STATE KS			DRIVER			
ZIP CODE 67114			TRUCK #			
			DRIVER			

JOB TYPE PTA HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4 1/2" TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting & set up on Duke #2 Play as ordered

1' 20' above Arb	505X
2' 900'	505X
3' 450'	505X
4' 10'	105X
5' RH	305X

Thanks Tom & Lou

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PLO05	1	PUMP CHARGE PTA	\$1500.00	\$1500.00
M001	42	MILEAGE	\$6.50	\$273.00
M002	9.79 tons	Ton Mileage Delivery	\$61.66 ⁷⁷	\$601.67 ⁷⁷
L13010	22054	60/40 921 1/4" Flocc	\$14.75	\$325.85 ⁰⁰
			sub total	\$6,074.77
			less 10% disc.	\$607.47
			sub total	\$5,467.30
			SALES TAX	248.74
			ESTIMATED TOTAL	5716.04

AUTHORIZATION _____ TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



416 Main Street
 P.O. Box 225
 Victoria, KS 67671

Office (785) 639-3949
 24 Hour Service Line (785) 639-7269

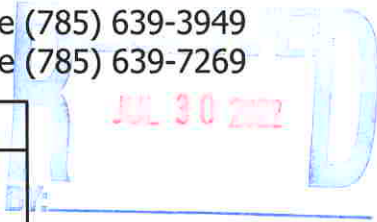
Invoice

Date	Invoice #
7/18/2022	0652

Please Pay from this Invoice.
 Remit Payment to:
 416 Main Street PO BOX 225
 Victoria, KS 67671
 Billing Questions-Call Tianna at
 (785) 639-3949
 Email: franksoilfield@yahoo.com

KCC License Number
 35469

Bill To
Palomino Petroleum, Inc 4924 SE 84th St Newton, KS 67114-8827



County/State	Lease/Well#	Terms	Job Type
Barton County, kS	Scarface 1	Net 30	Surface

Description	Quantity	Rate	Amount
Pump Charge	1	1,150.00	1,150.00
Mileage	42	6.50	273.00
13.48 tons at 42 miles	566.16	1.50	849.24
Surface Blend	275	24.50	6,737.50T
Head & Manifold Charge	1	200.00	200.00T
Discount		-920.97	-920.97

Thank you!

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.	Subtotal	\$8,288.77
<i>We appreciate your business and look forward to serving you again!</i>	Sales Tax (7.5%)	\$468.28
	Balance Due	\$8,757.05

FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
 ◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0652

LOCATION Victoria

FOREMAN Tam Williams

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-18-22	30742	Surfacer 1	19	16	12W	Burkenn

CUSTOMER Palomino Petroleum Inc
 MAILING ADDRESS 4924 SE 84th St,
 CITY Newton STATE KS ZIP CODE 67114

TRUCK #	DRIVER	TRUCK #	DRIVER
101	Tam W		
102	Jack T		

JOB TYPE Surfacer HOLE SIZE 12 1/4" HOLE DEPTH 436' CASING SIZE & WEIGHT 5 1/4" 23#
 CASING DEPTH 433.11' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 17.5 SLURRY VOL 1.4 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 26 Bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting & set up on duke #2 Circulated hole with mud. Mix 2.75sf surface blend. Wash up. Displace 26 Bbl & set in W 1/4

Cement did circulate.

Thanks Tam & Jack

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
P0002	1	PUMP CHARGE <u>Surfacer</u>	\$1150 ⁰⁰	\$1150 ⁰⁰
M001	42	MILEAGE	\$6 ⁵⁰	\$273 ⁰⁰
M002	13.48 tons	Ton Mileage Delivery	\$849 ²⁴	\$849 ²⁴
U0004	27554	class A 3/4" 29gal	\$24 ⁵⁰	\$6737 ⁵⁰
C0003	1	5/8" thread & 1/2" x 1/2"	\$200 ⁰⁰	\$200 ⁰⁰
			sub total	\$9209 ⁷⁴
			less 10% disc	\$920 ⁹⁷
			sub total	\$8288 ⁷⁷
			SALES TAX	468.28
			ESTIMATED TOTAL	8757.05

AUTHORIZATION Dion Vasey TITLE Partner DATE 7-18-22

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

MUD LOG
WellSight Systems
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Scarface
API: 15-009-26357
Location: 406 North FSL, 437 East FWL
License Number: 30742
Spud Date: 7/18/2021
Surface Coordinates:
Region: Kansas
Drilling Completed: 7/24/2021

Bottom Hole
Coordinates:
Ground Elevation (ft): 1941
Logged Interval (ft): 2700 To: T.D
Formation: Arbuckle @ T.D
Type of Drilling Fluid: Chemical Mud
K.B. Elevation (ft): 1949
Total Depth (ft): 3515

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Palomino Petroleum, Inc
Address: 4924 SE 84TH ST
Newton KS 67114

GEOLOGIST

Name: Keaton Jones
Company: Rockhound Petroleum, LLC
Address: 255 NE 30th
St. John KS 67576
(620)-546-4010

Well Tops Comparison

Lease: KB	Scarface 1949			Lease: KB	Rosa Reif 1940	
Formation	Top	Datum	Strat Comp	Formation	Top	Datum
Anhy	874	1075	7	Anhy	872	1068
Topeka	2782	-833	13	Topeka	2786	-846
Heebner	3062	-1113	16	Heebner	3069	-1129
Toronto	3079	-1130	17	Toronto	3087	-1147
Douglas	3091	-1142	19	Douglas	3101	-1161
Brown Lime	3149	-1200	17	Brown Lime	3157	-1217
Lansing KC	3162	-1213	14	Lansing KC	3167	-1227
Arbuckle	3428	-1479	9	Arbuckle	3428	-1488
RTD	3515	-1566	-56	RTD	3450	-1510

SAMPLE TOPS

LOG TOPS

Anhy	874	1075	Anhy	870	1075
Topeka	2781	-832	Topeka	2782	-833
Heebner	3060	-1111	Heebner	3062	-1113
Toronto	3077	-1128	Toronto	3079	-1130
Douglas	3090	-1141	Douglas	3091	-1142
Brown Lime	3145	-1196	Brown Lime	3149	-1200
Lansing KC	3161	-1212	Lansing KC	3162	-1213
Arbuckle	3423	-1474	Arbuckle	3428	-1479
RTD	3515	-1566	RTD	3515	-1566



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

19/16/12

4924 SE 84 th St.
Newton, KS 67114

Scarface 1

Job Ticket: 68909

DST#: 1

ATTN: Keaton Jones

Test Start: 2022.07.23 @ 02:26:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: 1951.00 ft (KB)

Time Tool Opened: 04:33:17

Time Test Ended: 08:46:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 3403.00 ft (KB) To 3428.00 ft (KB) (TVD)

Reference Elevations: 1951.00 ft (KB)

Total Depth: 3428.00 ft (KB) (TVD)

1941.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8672

Inside

Press@RunDepth: 83.19 psig @ 3405.00 ft (KB)

Capacity: psig

Start Date: 2022.07.23

End Date:

2022.07.23

Last Calib.: 1899.12.30

Start Time: 02:26:01

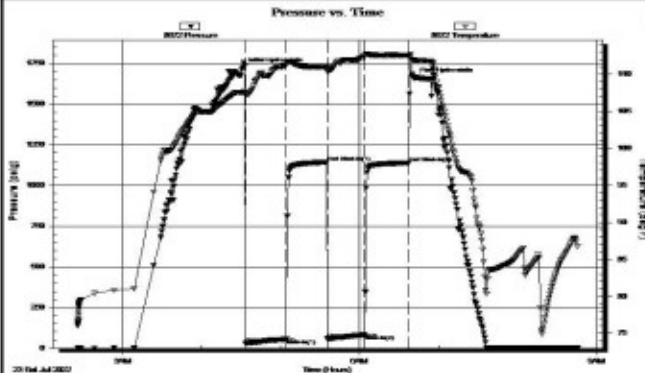
End Time:

08:46:02

Time On Btm: 2022.07.23 @ 04:31:32

Time Off Btm: 2022.07.23 @ 06:41:17

TEST COMMENT: F: 30 min., strong building blow, 9.4 inches
 IS: 30 min., no blow back
 FF: 30 min., strong building blow, 6.6 inches
 FSt 30 min., no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1722.92	107.59	Initial Hydro-static
2	30.04	107.25	Open To Flow (1)
33	57.05	111.31	Shut-in(1)
64	1143.30	110.91	End Shut-in(1)
64	57.51	110.35	Open To Flow (2)
93	83.19	112.42	Shut-in(2)
126	1140.33	112.53	End Shut-in(2)
130	1659.97	111.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	watery oil cut mud 20%O, 5%W, 75%M	1.40
50.00	gassy oil 5%G, 95%O	0.70

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mc/d)

Trilobite Testing, Inc

Ref. No: 68909

Printed: 2022.07.23 @ 10:18:13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

19/16/12

4924 SE 84 th St.
Newton, KS 67114

Scarface 1

Job Ticket: 68910

DST#: 2

ATTN: Keaton Jones

Test Start: 2022.07.23 @ 13:49:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: 1951.00 ft (KB)

Time Tool Opened: 15:42:02

Time Test Ended: 19:33:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: **3428.00 ft (KB) To 3435.00 ft (KB) (TVD)**

Reference Elevations: 1951.00 ft (KB)

Total Depth: 4435.00 ft (KB) (TVD)

1941.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8672

Inside

Press@RunDepth: 444.56 psig @ 3432.00 ft (KB)

Capacity: psig

Start Date: 2022.07.23

End Date:

2022.07.23

Last Calib.: 1899.12.30

Start Time: 13:49:01

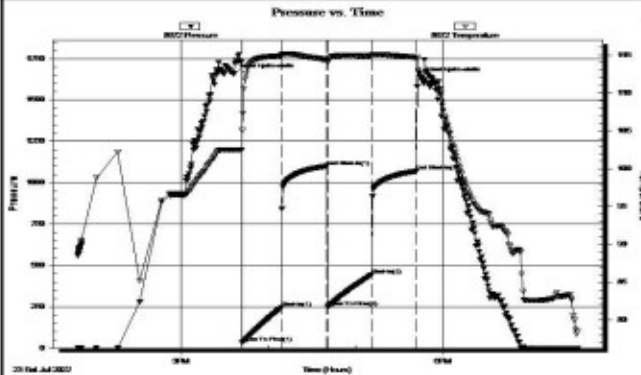
End Time:

19:33:02

Time On Btm: 2022.07.23 @ 15:36:32

Time Off Btm: 2022.07.23 @ 17:45:02

TEST COMMENT: F: 30 min., BOB 5 min., strong building blow, 62 inches
 IS: 30 min., no blow back
 FF: 30 min., BOB 5 min., strong building blow, 63 inches
 FSt 30 min., no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1657.78	102.46	Initial Hydro-static
6	34.98	105.04	Open To Flow (1)
33	245.44	114.93	Shut-In(1)
64	1099.48	114.32	End Shut-In(1)
64	248.18	113.97	Open To Flow (2)
95	444.56	114.93	Shut-In(2)
125	1069.50	114.68	End Shut-In(2)
129	1631.60	111.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
977.00	Water 100%W	13.70

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mc/D)



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
 4924 SE 84 th St.
 Newton, KS 67114
 ATTN: Keaton Jones

19/16/12
Scarface 1
 Job Ticket: 68911 **DST#: 3**
 Test Start: 2022.07.24 @ 09:28:00

GENERAL INFORMATION:

Formation: **Kansas City**
 Deviated: No Whipstock: 1951.00 ft (KB)
 Time Tool Opened: 10:54:47
 Time Test Ended: 14:32:02

Test Type: Conventional Straddle (Initial)
 Tester: Chris Hagman
 Unit No: 69

Interval: **3280.00 ft (KB) To 3369.00 ft (KB) (TVD)**
 Total Depth: 3515.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1951.00 ft (KB)
 1941.00 ft (CF)
 KB to GR/CF: 10.00 ft

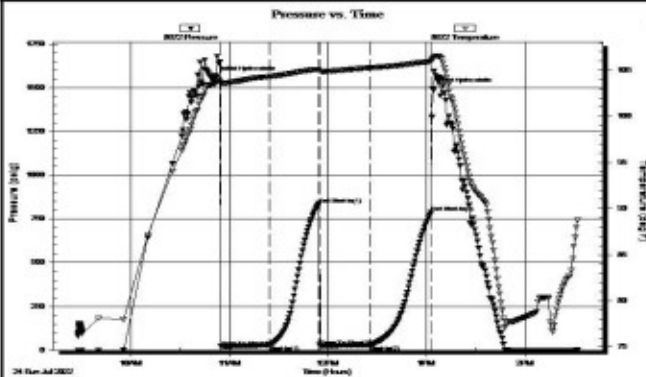
Serial #: 8672

Outside

Press@RunDepth: 29.51 psig @ 3349.00 ft (KB)
 Start Date: 2022.07.24 End Date: 2022.07.24
 Start Time: 09:28:01 End Time: 14:32:02

Capacity: psig
 Last Calb.: 1899.12.30
 Time On Btm: 2022.07.24 @ 10:51:47
 Time Off Btm: 2022.07.24 @ 13:03:47

TEST COMMENT: F: 30 min., weak surface blow, .3 inches
 IS: 30 min., no blow back
 FF: 30 min., weak surface blow, 1 inch
 FSt 30 min., no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1559.46	103.56	Initial Hydro-static
3	21.32	103.50	Open To Flow (1)
33	29.89	104.31	Shut-in(1)
63	836.36	105.07	End Shut-in(1)
64	24.87	104.90	Open To Flow (2)
94	29.51	105.25	Shut-in(2)
131	787.63	105.97	End Shut-in(2)
132	1495.06	106.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	oil cut mud 10%O, 90%M	0.42

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mc/d)



TRIBOLITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
4924 SE 84 th St.
New ton, KS 67114
ATTN: Keaton Jones

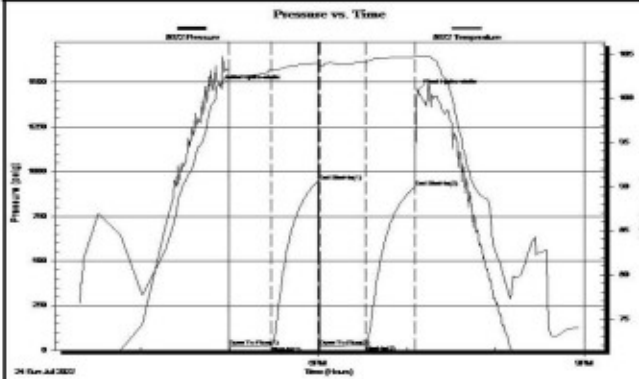
19/16/12
Scarface 1
Job Ticket: 68912 **DST#: 4**
Test Start: 2022.07.24 @ 15:19:00

GENERAL INFORMATION:

Formation: **Lansing A**
Deviated: No Whipstock: 1951.00 ft (KB)
Time Tool Opened: 16:59:47
Time Test Ended: 20:57:02
Test Type: Conventional Straddle (Initial)
Tester: Chris Hagman
Unit No: 69
Interval: 3085.00 ft (KB) To 3178.00 ft (KB) (TVD)
Reference Elevations: 1951.00 ft (KB)
Total Depth: 3515.00 ft (KB) (TVD) 1941.00 ft (CF)
Hole Diameter: 7.80 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 8672 Outside
Press@RunDepth: 28.16 psig @ 3089.00 ft (KB) Capacity: psig
Start Date: 2022.07.24 End Date: 2022.07.24 Last Calib.: 1899.12.30
Start Time: 15:19:00 End Time: 20:57:02 Time On Btm: 2022.07.24 @ 16:53:47
Time Off Btm: 2022.07.24 @ 19:07:17

TEST COMMENT: IF: 30 min., weak surface blow, 1 inch
IS: 30 min., no blow back
FF: 30 min., weak surface blow, .4 inches
FSt: 30 min., no blow back



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1482.10	101.72	Initial Hydro-static
6	21.60	102.11	Open To Flow (1)
35	25.64	103.23	Shut-in(1)
67	947.52	104.04	End Shut-in(1)
67.5	22.04	103.52	Open To Flow (2)
98	28.16	104.08	Shut-in(2)
132	915.90	104.73	End Shut-in(2)
134	1456.36	104.82	Final Hydro-static

Length (ft)	Description	Volume (bbl)
10.00	100%M	0.14

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Tribolite Testing, Inc

Ref. No: 68912

Printed: 2022.07.24 @ 21:24:44

Circulating Stops	Curve Track 1	Oil Shows	MD	Lithology	Geological Descriptions	Drilling Fluid, Surveys, Etc.
	ROP (min/ft)					



Mud Up - 2600
Drill Time - 2650
Samples - 2700

Conn - 2656

- Mud Report -
Depth: 2653
Wt - 8.7
Vis - 47
Filtrate - 5.4
CHL - 1,800

Ls - Br - MedXln - Highly Foss - Ooli in Sme - Oolic In Sme - N/S

Ls - Br - MedXln - Foss - Sme Mineral Staining - N/S

Conn - 2688

SS - Blue tint - Shaly - SubRnd - Well Cemented - WellSort - N/S

SS - Blue Tint - LS/SH - SubRnd Mod Sort - Sme Staining - N/S N/O

Sh - Blue - Sandy

Sh - Blue - Sandy -

Conn - 2720

Ls - Br/Tan - MedXln - Foss - Sme Ooli - N/S

Ls - Br - FXLn - No Vis Por - N/S

Ls - White - MedXln - PP Por - Sme Visual Light Br Stain - N/S N/O

Sh - Grey

Conn - 2752

Topeka (-833)

Ls - Br/Gry - MedXln - Foss - Shly - N/S

Ls - Grey - MedXln - Foss - Sme Stain - N/S - Vry Faint Odor If Any - N/S

Ls - Br - FXLn W/ No vis Por - Sme ReMedXln Streaks - Vry few clusters of oolites - N/S N/O

Ls - Gry - MedXln - Foss - shly - greyBl - N/S

Sh - Gry

Ls - Lte/Br - MedXln - Highly Foss - ReXlnCal - Sme Staining - N/S N/O

Ls - Grey - F/MedXln - No Vis Por

Ls - Br - Weathered - f/MedXln - RexlnCal - Vry few Gas Bubbles on break - No oil - N/O

Sh - Gry

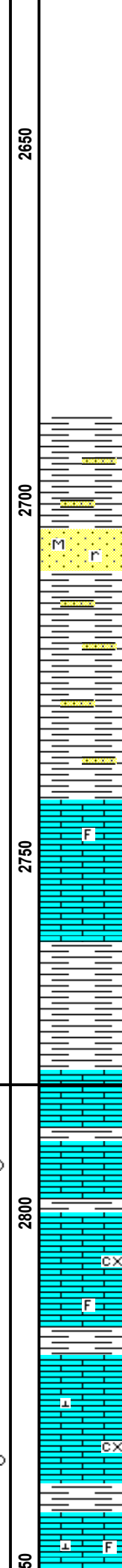
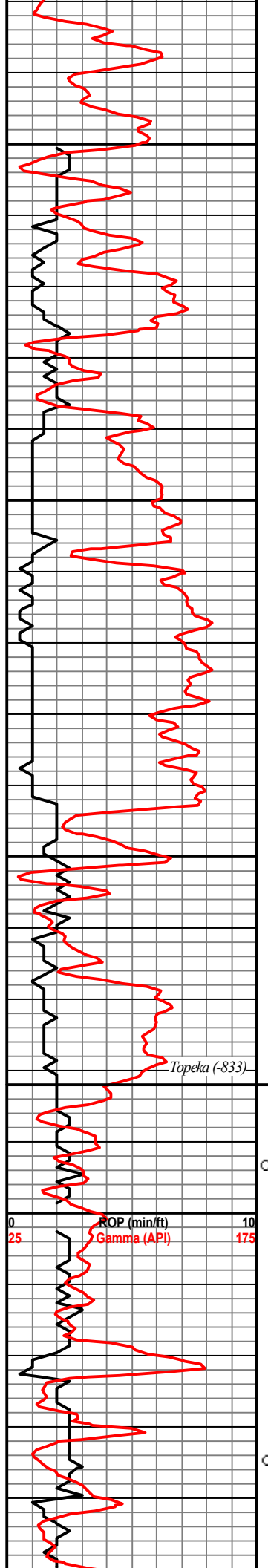
Conn - 2783

- Mud Check -
Wt - 8.9
Vis - 65
LCM - 2

Conn - 2815

Ls - Br - MedXln - PP Por - Foss - Lt Br Resid Stain - N/S N/O

Conn - 2846



Ls - Br - MedXln - Highly Foss - Ooli in Sme - Oolic In Sme - N/S

Ls - Br - MedXln - Foss - Sme Mineral Staining - N/S

SS - Blue tint - Shaly - SubRnd - Well Cemented - WellSort - N/S

SS - Blue Tint - LS/SH - SubRnd Mod Sort - Sme Staining - N/S N/O

Sh - Blue - Sandy

Sh - Blue - Sandy -

Ls - Br/Tan - MedXln - Foss - Sme Ooli - N/S

Ls - Br - FXLn - No Vis Por - N/S

Ls - White - MedXln - PP Por - Sme Visual Light Br Stain - N/S N/O

Sh - Grey

Ls - Br/Gry - MedXln - Foss - Shly - N/S

Ls - Grey - MedXln - Foss - Sme Stain - N/S - Vry Faint Odor If Any - N/S

Ls - Br - FXLn W/ No vis Por - Sme ReMedXln Streaks - Vry few clusters of oolites - N/S N/O

Ls - Gry - MedXln - Foss - shly - greyBl - N/S

Sh - Gry

Ls - Lte/Br - MedXln - Highly Foss - ReXlnCal - Sme Staining - N/S N/O

Ls - Grey - F/MedXln - No Vis Por

Ls - Br - Weathered - f/MedXln - RexlnCal - Vry few Gas Bubbles on break - No oil - N/O

Sh - Gry

Ls - Br - MedXln - PP Por - Foss - Lt Br Resid Stain - N/S N/O

Mud Up - 2600
Drill Time - 2650
Samples - 2700

Conn - 2656

- Mud Report -
Depth: 2653
Wt - 8.7
Vis - 47
Filtrate - 5.4
CHL - 1,800

Conn - 2688

Conn - 2720

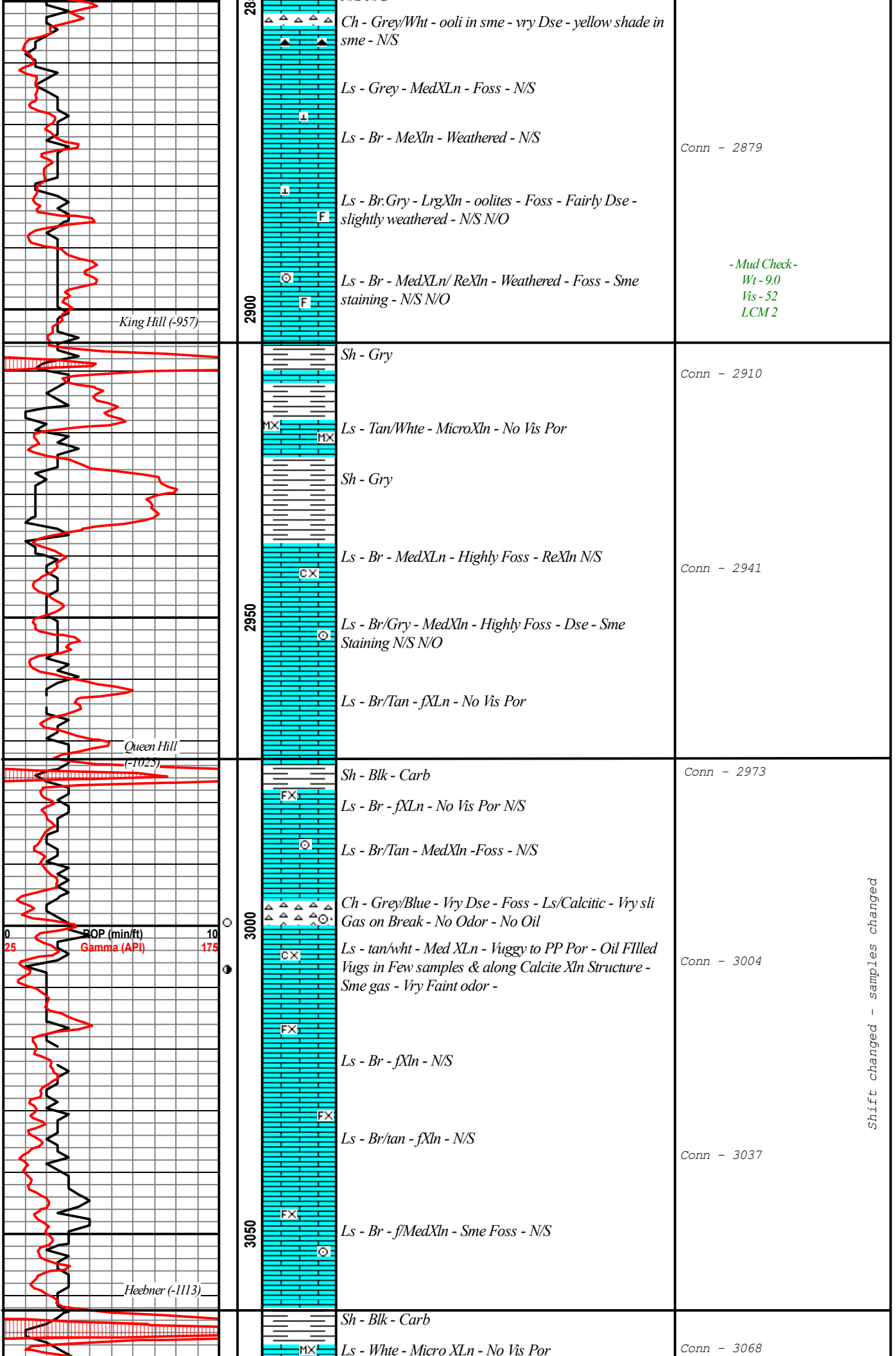
Conn - 2752

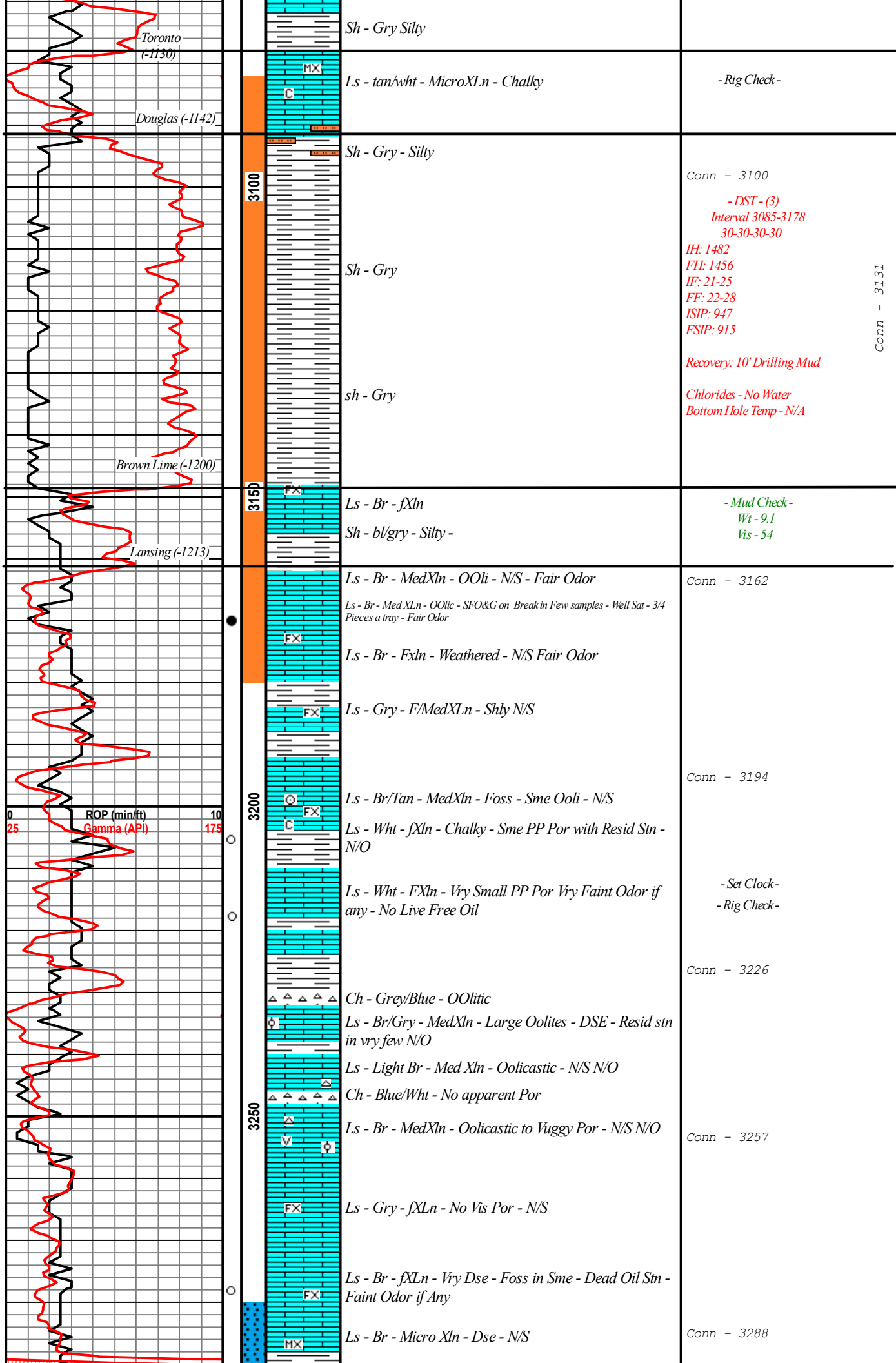
Conn - 2783

- Mud Check -
Wt - 8.9
Vis - 65
LCM - 2

Conn - 2815

Conn - 2846





Toronto (-1130)

Douglas (-1142)

Brown Lime (-1200)

Lansing (-1213)

ROP (min/ft)
Gamma (API)

3100

3150

3200

3250

Sh - Gry Silty

Ls - tan/wht - MicroXLn - Chalky

Sh - Gry - Silty

Sh - Gry

sh - Gry

Ls - Br - fXln

Sh - bl/gry - Silty -

Ls - Br - MedXLn - Ooli - N/S - Fair Odor

Ls - Br - Med XLn - Oolic - SFO&G on Break in Few samples - Well Sat - 3/4 Pieces a tray - Fair Odor

Ls - Br - Fxln - Weathered - N/S Fair Odor

Ls - Gry - F/MedXLn - Shly N/S

Ls - Br/Tan - MedXLn - Foss - Sme Ooli - N/S

Ls - Wht - fXln - Chalky - Sme PP Por with Resid Stn - N/O

Ls - Wht - FXln - Vry Small PP Por Vry Faint Odor if any - No Live Free Oil

Ch - Grey/Blue - Oolitic

Ls - Br/Gry - MedXLn - Large Oolites - DSE - Resid stn in vry few N/O

Ls - Light Br - Med XLn - Oolitic - N/S N/O

Ch - Blue/Wht - No apparent Por

Ls - Br - MedXLn - Oolitic to Vuggy Por - N/S N/O

Ls - Gry - fXLn - No Vis Por - N/S

Ls - Br - fXLn - Vry Dse - Foss in Sme - Dead Oil Stn - Faint Odor if Any

Ls - Br - Micro XLn - Dse - N/S

- Rig Check -

Conn - 3100

- DST - (3)
Interval 3085-3178
30-30-30-30

IH: 1482
FH: 1456
IF: 21-25
FF: 22-28
ISIP: 947
FSIP: 915

Recovery: 10' Drilling Mud

Chlorides - No Water
Bottom Hole Temp - N/A

- Mud Check -
Wt - 9.1
Vis - 54

Conn - 3162

Conn - 3194

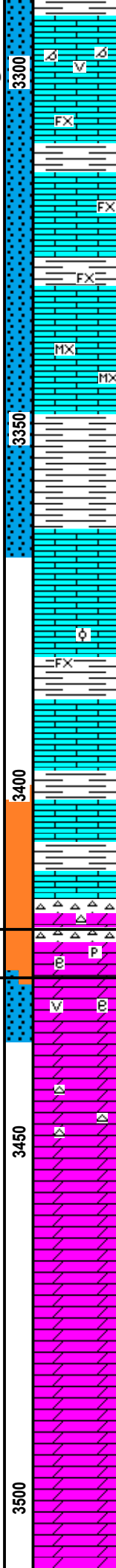
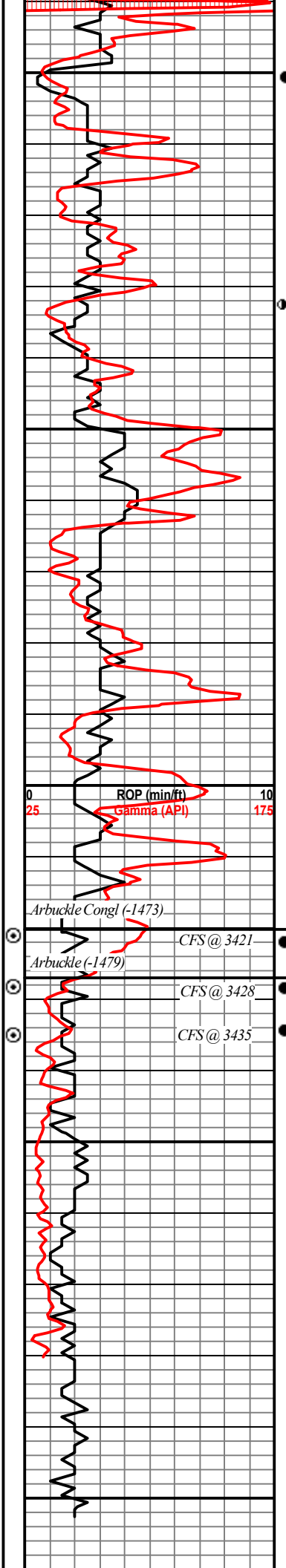
- Set Clock -
- Rig Check -

Conn - 3226

Conn - 3257

Conn - 3288

Conn - 3131



3300 Ls - Br - MedXln - Oolic/Moldic/Vug - Heavy Sat - FO&G Strong Odor

FX Ls - Br - fXln - No Vis Por - N/S

FX Ls - br/Tan - fXln - ReXln Cal - N/S - Still carrying an odor

FX Ls - Wht - FXln - PP Por - Slight show of Oil when broken - Faint Odor

MX MX Ls - Br - MiroXln - Dse - No Vis Por N/S

Sh - Gry - Silty

Ls - Br - MedXln - Foss - Dse - N/S

FX Ls - Br - fXln - Sme Small Oolites - Dse

Ls - tan - MicroXln - No Vis por N/S

Ch - gry - Ooli - Vry Dse

Arbuckle Congl (-1473)

Arbuckle (-1479)

Dol - Dark Br - MicroXln Vry Dse - Oolitic chert - vuggy dol chert w/ SFO&G fair odor

V B Br - MedXln - Sucrosic - PPPor - SFO&G well sat - weak odor

B Br - MedXln - Sucrosic - Sme Vuggy Por - PP Por - Weathered - SFO&G - Strong odor - well sat

V B Br - MedXln - Sucrosic/Vug/Weathered - SFO&G - Well Sat - Strong Odor -

Do - wht/Bro MicroXln - Large Oolites - vry Chrty - N/S

Dol - Light/br - MicroXln - No Vis Por - Vry Dse

Dol - Br - Mstly fXln - Sme MedXln - vuggy in part

- DST - (3)
Interval 3280-3369
30-30-30-30

IH: 1559
FH: 1495
IF: 21-29
FF: 24-29
ISIP: 836
FSIP: 787

Recovery: 30' OCM - 10%O, 90%M

Chlorides - No Water
Bottom Hole Temp 106

Conn - 3351

Conn - 3383

- Mud Check -
Wt: 9.4
Vis: 47

Conn - 3414

- Mud Check -
Wt: 9.3
Vis: 49

- DST - (1)
Interval 3403-3428
30-30-30-30

Conn - 3446

IH: 1723
FH: 1660
IF: 30-57
FF: 58-83
ISIP: 1143
FSIP: 1140

Recovery:
62' GIP
100' WOCM 20%O, 5%W, 75%M
50' GO 5%G, 95%O

Gravity 38 @ 90
Chlorides 35-PPM
Bottom Hole Temp - 113

- Mud Report -
Depth: 3435
Wt: 9.45
Vis: 51
Filtrate: 11.6
Chloride: 7,400
LCM: 1/2#

Survey @ 4328 (1) Degree

Conn - 3478

carrying samples from 3300

CTCH@ 3515
90 Minutes

R.T.D 3515
L.T.D 3519

3550

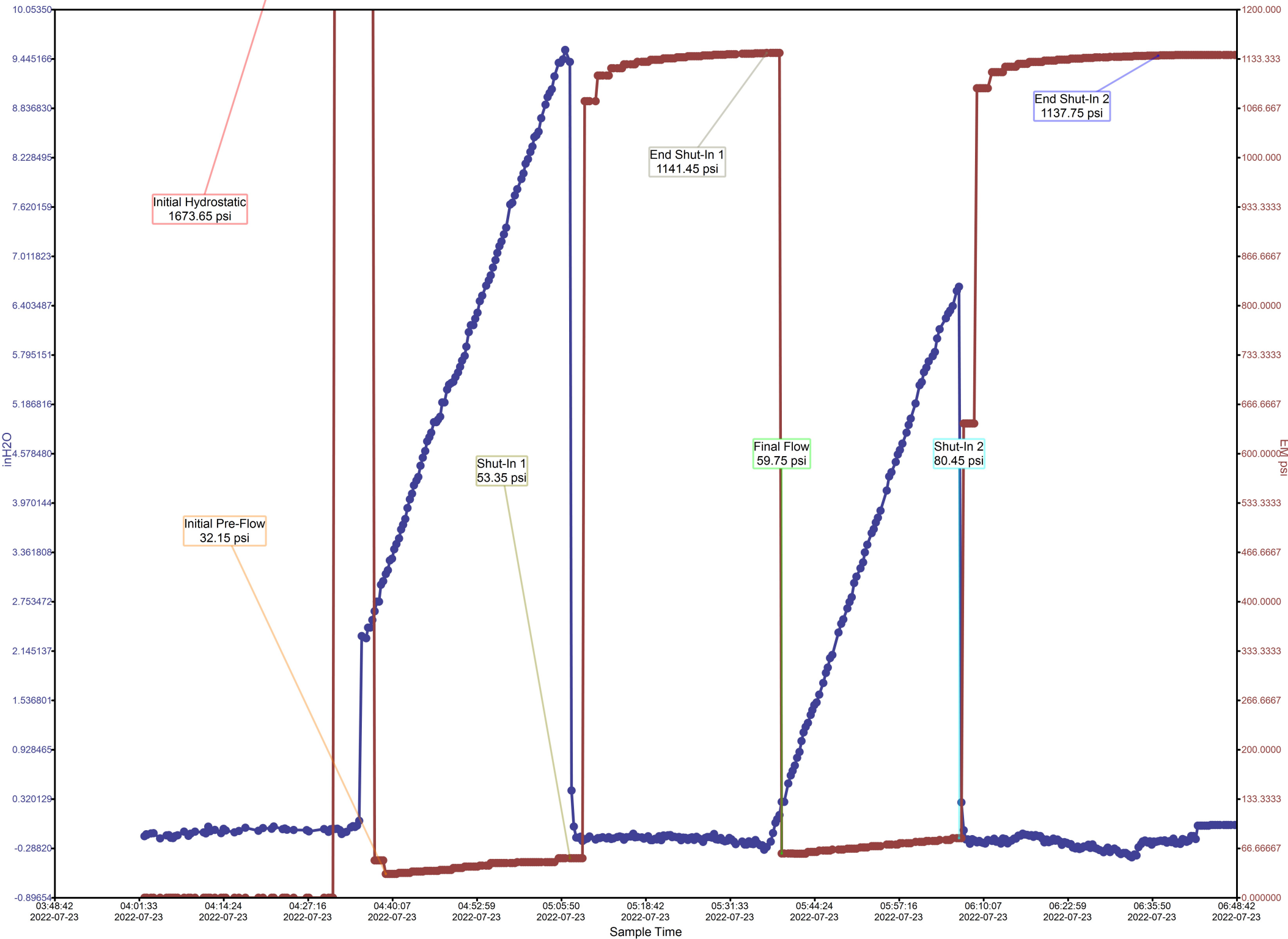
00

- DST - (2)
Interval 3428-3435
30-30-30-30

IH: 1658
FH: 1632
IF: 35 - 245
FF: 248 - 445
ISIP: 1099
FSIP: 1070

Recovery: 977' Water
Chlorides 7,000 PPM
Bottom Hole Temp 115

Palomino Petroleum - Scarface 1 - DST 1



Calculated Recovery Analysis - Palomino Petroleum - Scarface 1 - DST 1

30% Gas 123.58 CFPD
0.92 Cu.ft.

32% Oil 23.04 BPD
0.96 BBL

30% Gas

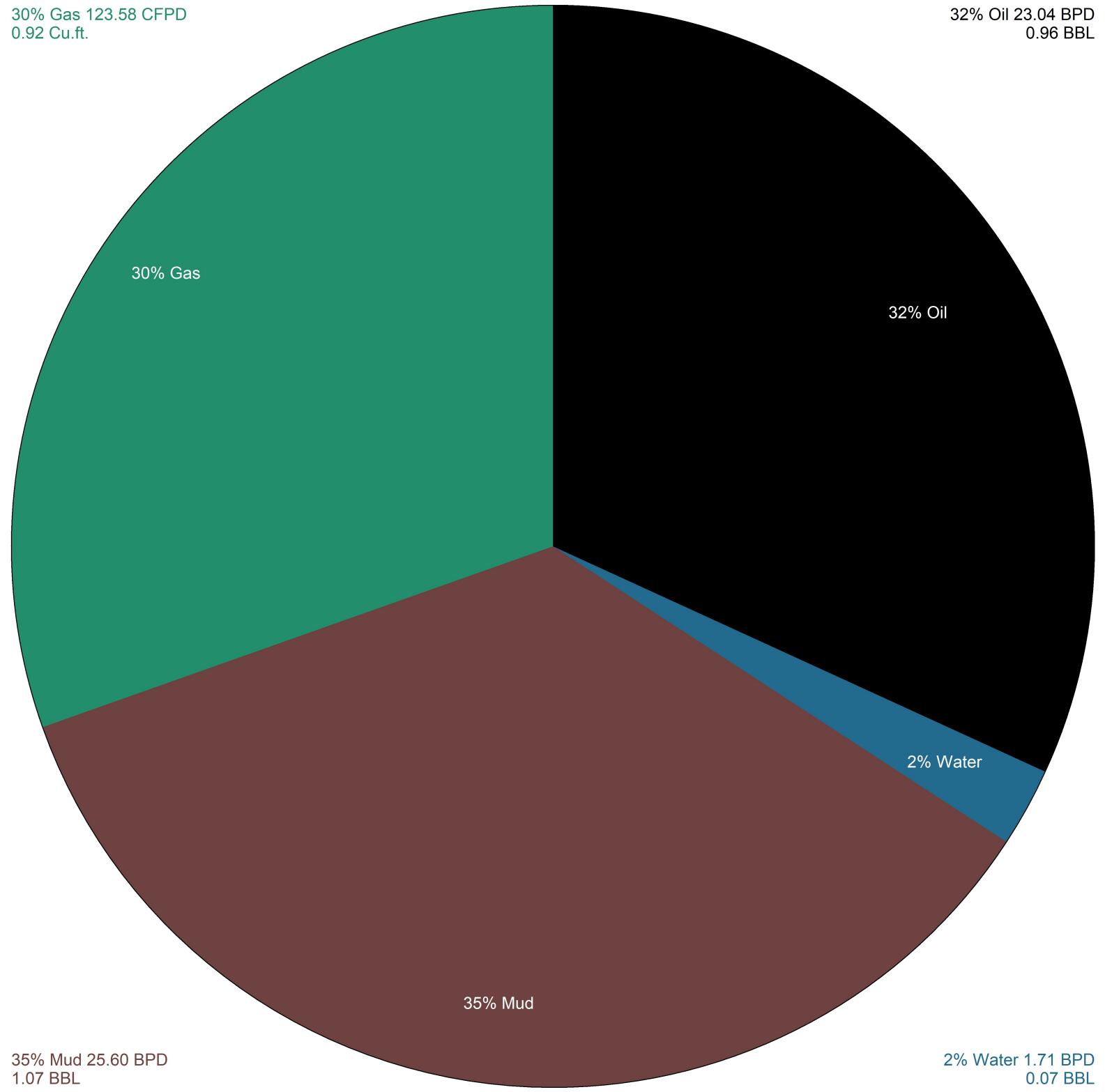
32% Oil

2% Water

35% Mud

35% Mud 25.60 BPD
1.07 BBL

2% Water 1.71 BPD
0.07 BBL





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

19/16/12

4924 SE 84 th St.
New ton, KS 67114

Scarface 1

Job Ticket: 68909

DST#: 1

ATTN: Keaton Jones

Test Start: 2022.07.23 @ 02:26:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: 1951.00 ft (KB)

Time Tool Opened: 04:33:17

Time Test Ended: 08:46:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 3403.00 ft (KB) To 3428.00 ft (KB) (TVD)

Reference Elevations: 1951.00 ft (KB)

Total Depth: 3428.00 ft (KB) (TVD)

1941.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8672 Inside

Press@RunDepth: 83.19 psig @ 3405.00 ft (KB)

Capacity: psig

Start Date: 2022.07.23

End Date:

2022.07.23

Last Calib.:

1899.12.30

Start Time: 02:26:01

End Time:

08:46:02

Time On Btm:

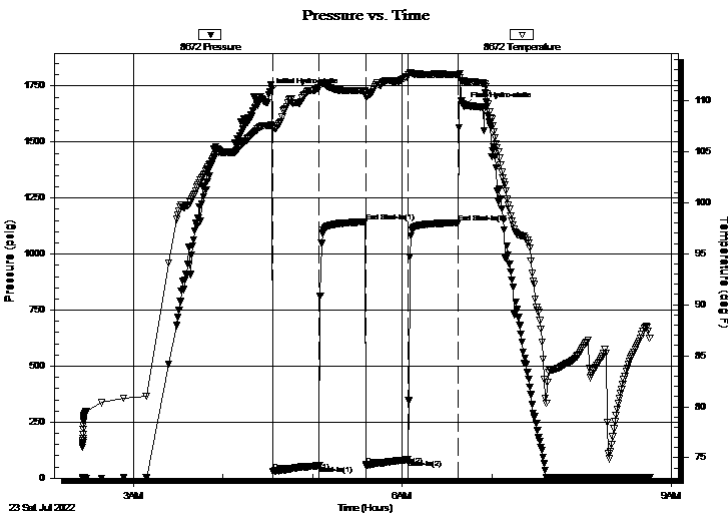
2022.07.23 @ 04:31:32

Time Off Btm:

2022.07.23 @ 06:41:17

TEST COMMENT: IF: 30 min., strong building blow , 9.4 inches
IS: 30 min., no blow back
FF: 30 min., strong building blow , 6.6 inches
FS: 30 min., no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1722.92	107.59	Initial Hydro-static
2	30.04	107.25	Open To Flow (1)
33	57.05	111.31	Shut-In(1)
64	1143.30	110.91	End Shut-In(1)
64	57.51	110.35	Open To Flow (2)
93	83.19	112.42	Shut-In(2)
126	1140.33	112.53	End Shut-In(2)
130	1659.97	111.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	watery oil cut mud 20%O, 5%W, 75%M	1.40
50.00	gassy oil 5%G, 95%O	0.70

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

19/16/12

4924 SE 84 th St.
New ton, KS 67114

Scarface 1

ATTN: Keaton Jones

Job Ticket: 68909

DST#: 1

Test Start: 2022.07.23 @ 02:26:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: 1951.00 ft (KB)

Time Tool Opened: 04:33:17

Time Test Ended: 08:46:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 3403.00 ft (KB) To 3428.00 ft (KB) (TVD)

Total Depth: 3428.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1951.00 ft (KB)

1941.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6751 Outside

Press@RunDepth: psig @ 3405.00 ft (KB)

Capacity: psig

Start Date: 2022.07.23 End Date: 2022.07.23

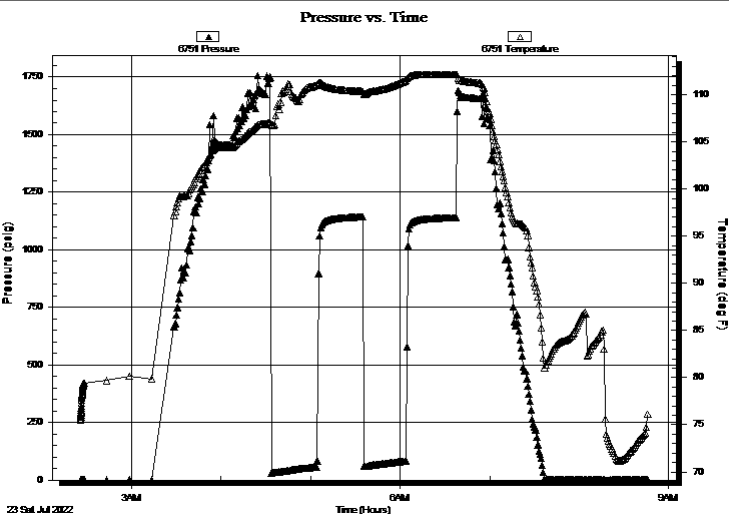
Last Calib.: 1899.12.30

Start Time: 02:26:01 End Time: 08:46:02

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 30 min., strong building blow , 9.4 inches
IS: 30 min., no blow back
FF: 30 min., strong building blow , 6.6 inches
FS: 30 min., no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
100.00	watery oil cut mud 20%O, 5%W, 75%M	1.40
50.00	gassy oil 5%G, 95%O	0.70

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

19/16/12

4924 SE 84 th St.
New ton, KS 67114

Scarface 1

Job Ticket: 68909

DST#: 1

ATTN: Keaton Jones

Test Start: 2022.07.23 @ 02:26:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
100.00	watery oil cut mud 20%O, 5%W, 75%M	1.403
50.00	gassy oil 5%G, 95%O	0.701

Total Length: 150.00 ft Total Volume: 2.104 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API=38@90=35 API

Serial #: 8672

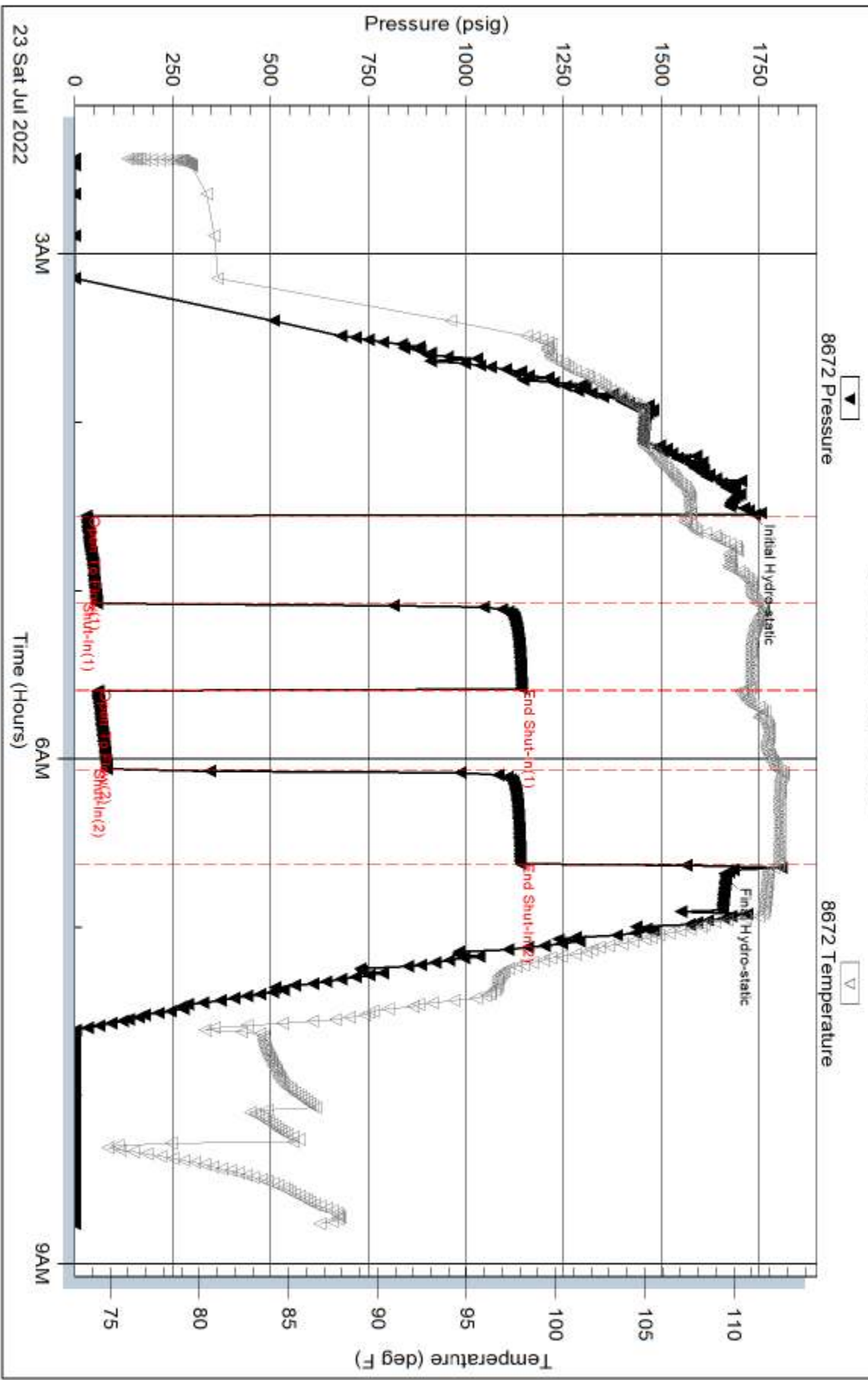
Inside

Palomino Petroleum, Inc.

Scarface 1

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 68909

Printed: 2022.07.23 @ 10:18:13

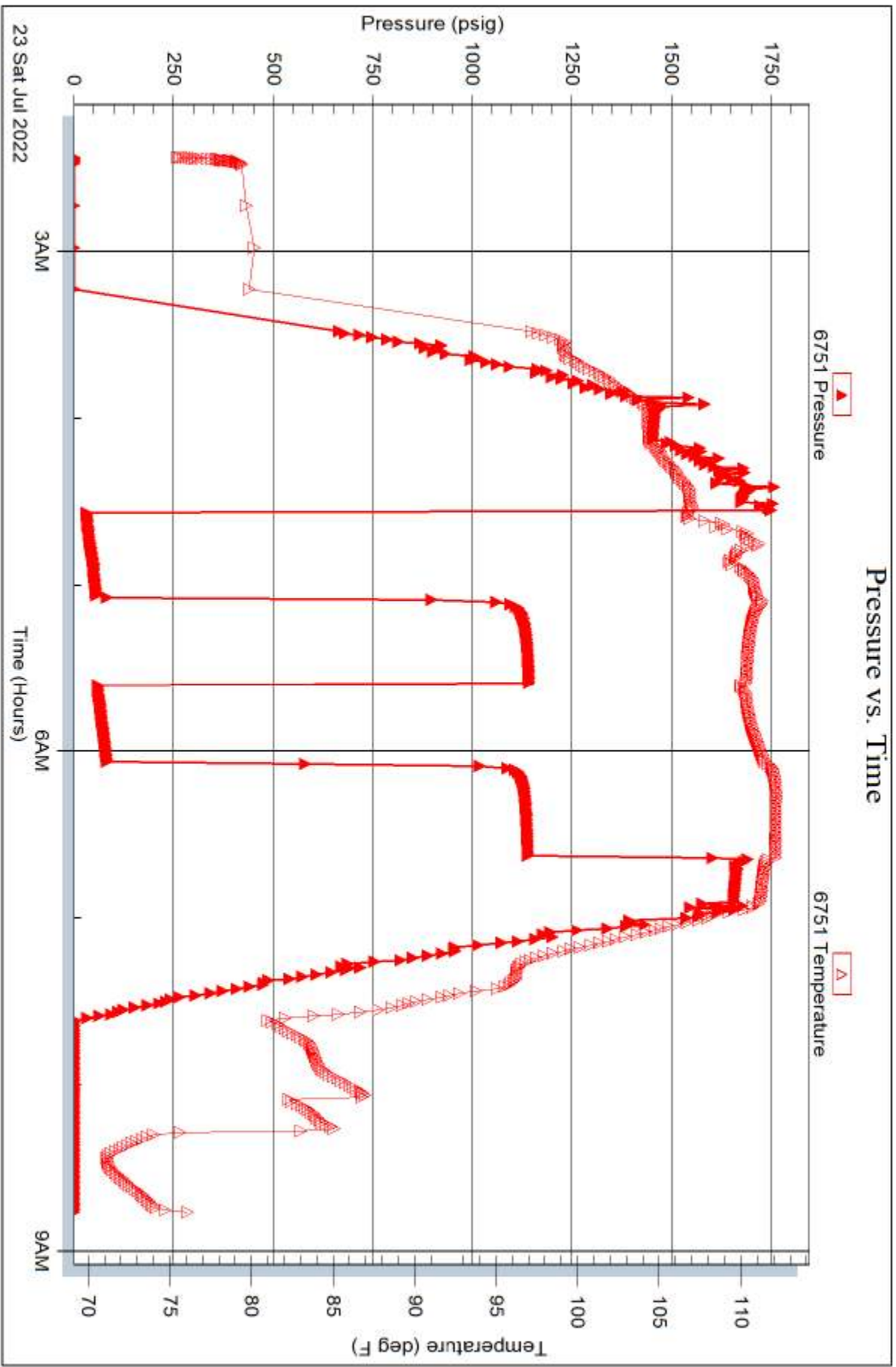
Serial #: 6751

Outside

Palomino Petroleum, Inc.

Scarface 1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc.**

4924 SE 84th St.
Newton, KS 67114

ATTN: Keaton Jones

Scarface #1

19-16s-12w Barton,KS

Start Date: 2022.07.23 @ 02:26:00

End Date: 2022.07.23 @ 08:46:02

Job Ticket #: 68909 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.07.25 @ 17:23:55



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

19-16s-12w Barton, KS

4924 SE 84th St.
New ton, KS 67114

Scarface #1

Job Ticket: 68909

DST#: 1

ATTN: Keaton Jones

Test Start: 2022.07.23 @ 02:26:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:33:17

Time Test Ended: 08:46:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 3403.00 ft (KB) To 3428.00 ft (KB) (TVD)

Reference Elevations: 1951.00 ft (KB)

Total Depth: 3428.00 ft (KB) (TVD)

1941.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8672 Inside

Press@RunDepth: 83.19 psig @ 3405.00 ft (KB)

Capacity: psig

Start Date: 2022.07.23

End Date:

2022.07.23

Last Calib.:

2022.07.23

Start Time: 02:26:01

End Time:

08:46:02

Time On Btm:

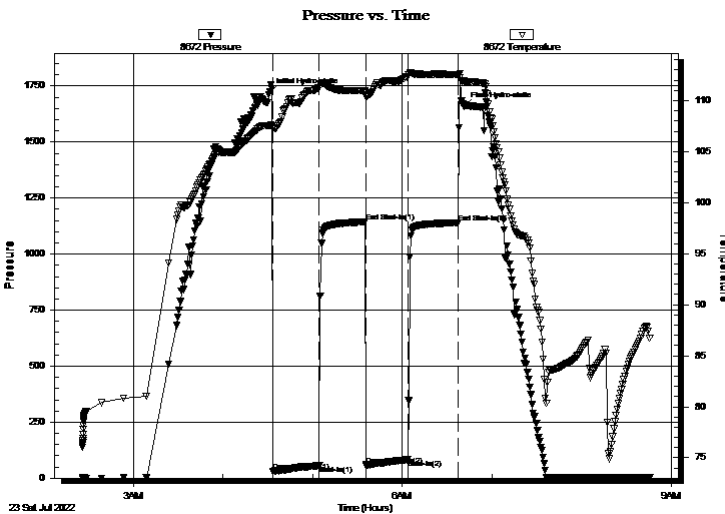
2022.07.23 @ 04:31:32

Time Off Btm:

2022.07.23 @ 06:41:17

TEST COMMENT: IF: 30 min., strong building blow , 9.4 inches
IS: 30 min., no blow back
FF: 30 min., strong building blow , 6.6 inches
FS: 30 min., no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1722.92	107.59	Initial Hydro-static
2	30.04	107.25	Open To Flow (1)
33	57.05	111.31	Shut-In(1)
64	1143.30	110.91	End Shut-In(1)
64	57.51	110.35	Open To Flow (2)
93	83.19	112.42	Shut-In(2)
126	1140.33	112.53	End Shut-In(2)
130	1659.97	111.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	WOCM 20%O, 5%W, 75%M	1.40
50.00	GO 5%G, 95%O	0.70

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc.

19-16s-12w Barton,KS

4924 SE 84th St.
New ton, KS 67114

Scarface #1

Job Ticket: 68909

DST#: 1

ATTN: Keaton Jones

Test Start: 2022.07.23 @ 02:26:00

Tool Information

Drill Pipe:	Length: 3379.00 ft	Diameter: 3.80 inches	Volume: 47.40 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 47.40 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3403.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3378.00	
Hydraulic tool	5.00			3383.00	
Isolator Sub	3.00			3386.00	
Jars	5.00			3391.00	
Safety Joint	3.00			3394.00	
Packer	5.00			3399.00	30.00 Bottom Of Top Packer
Packer	4.00			3403.00	
Stubb	1.00			3404.00	
Perforations	1.00			3405.00	
Recorder	0.00	8672	Inside	3405.00	
Recorder	0.00	6751	Outside	3405.00	
Pickup sub perf	5.00			3410.00	
Perforations	15.00			3425.00	
Bullnose	3.00			3428.00	25.00 Bottom Packers & Anchor

Total Tool Length: 55.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

19-16s-12w Barton,KS

4924 SE 84th St.
New ton, KS 67114

Scarface #1

Job Ticket: 68909

DST#: 1

ATTN: Keaton Jones

Test Start: 2022.07.23 @ 02:26:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
100.00	WOCM 20%O, 5%W, 75%M	1.403
50.00	GO 5%G, 95%O	0.701

Total Length: 150.00 ft Total Volume: 2.104 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API=38@90=35 API

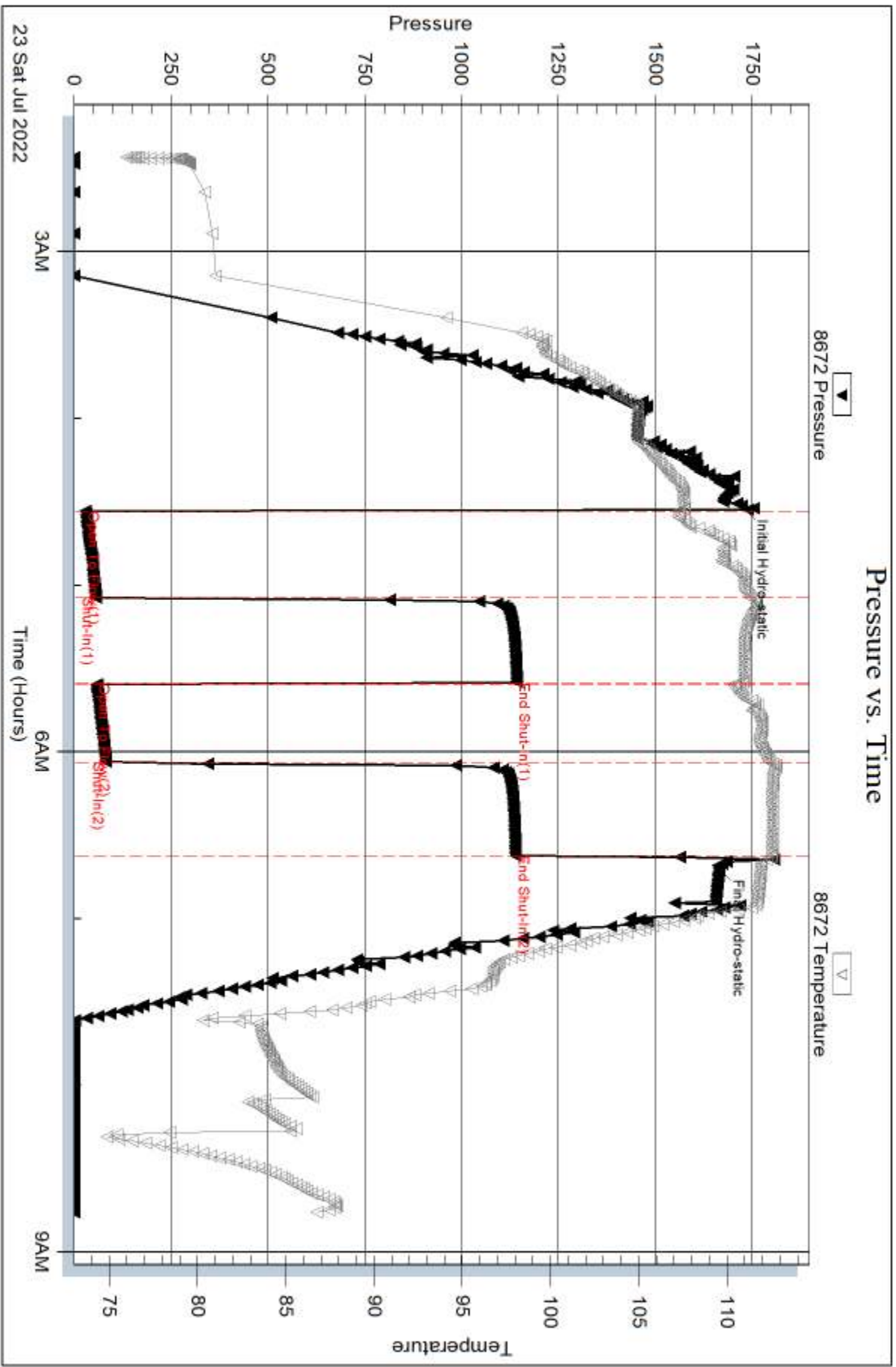
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Inside

Palomino Petroleum, Inc.

Scarface #1

DST Test Number: 1



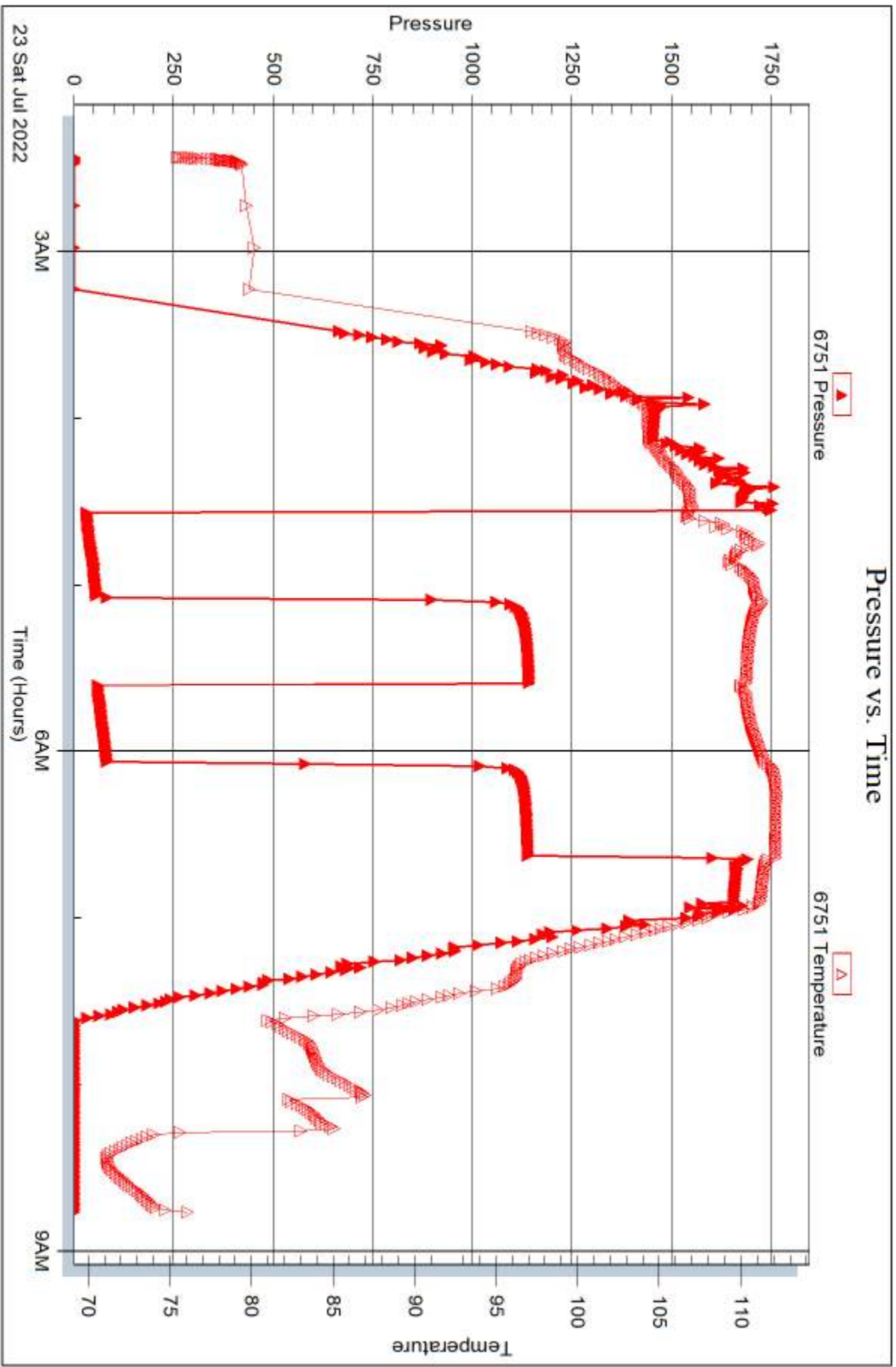
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Outside

Palomino Petroleum, Inc.

Scarface #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc.**

4924 SE 84th St.
Newton, KS 67114

ATTN: Keaton Jones

Scarface #1

19-16s-12w Barton,KS

Start Date: 2022.07.23 @ 13:49:00

End Date: 2022.07.23 @ 19:33:02

Job Ticket #: 68910 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.07.25 @ 17:19:33



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

19-16s-12w Barton,KS

4924 SE 84th St.
New ton, KS 67114

Scarface #1

Job Ticket: 68910

DST#: 2

ATTN: Keaton Jones

Test Start: 2022.07.23 @ 13:49:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:42:02

Time Test Ended: 19:33:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 3428.00 ft (KB) To 3435.00 ft (KB) (TVD)

Reference Elevations: 1951.00 ft (KB)

Total Depth: 3435.00 ft (KB) (TVD)

1941.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8672 Inside

Press@RunDepth: 444.56 psig @ 3432.00 ft (KB)

Capacity: psig

Start Date: 2022.07.23

End Date: 2022.07.23

Last Calib.: 2022.07.23

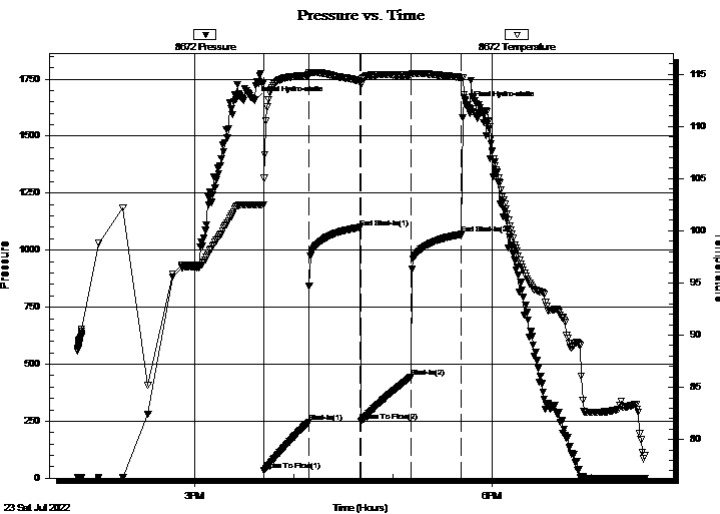
Start Time: 13:49:01

End Time: 19:33:02

Time On Btm: 2022.07.23 @ 15:36:32

Time Off Btm: 2022.07.23 @ 17:45:02

TEST COMMENT: IF: 30 min., BOB 5 min., strong building blow , 62 inches
IS: 30 min., no blow back
FF: 30 min., BOB 5 min., strong building blow , 63 inches
FS: 30 min., no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1657.78	102.46	Initial Hydro-static
6	34.98	105.04	Open To Flow (1)
33	245.44	114.93	Shut-In(1)
64	1099.48	114.32	End Shut-In(1)
64	248.18	113.97	Open To Flow (2)
95	444.56	114.93	Shut-In(2)
125	1069.50	114.68	End Shut-In(2)
129	1631.60	111.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
977.00	Water 100%W	13.70

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILLOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

19-16s-12w Barton,KS

4924 SE 84th St.
New ton, KS 67114

Scarface #1

Job Ticket: 68910

DST#: 2

ATTN: Keaton Jones

Test Start: 2022.07.23 @ 13:49:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:42:02

Time Test Ended: 19:33:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 3428.00 ft (KB) To 3435.00 ft (KB) (TVD)

Total Depth: 3435.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1951.00 ft (KB)

1941.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6751 Outside

Press@RunDepth: psig @ 3432.00 ft (KB)

Capacity: psig

Start Date: 2022.07.23

End Date: 2022.07.23

Last Calib.: 1899.12.30

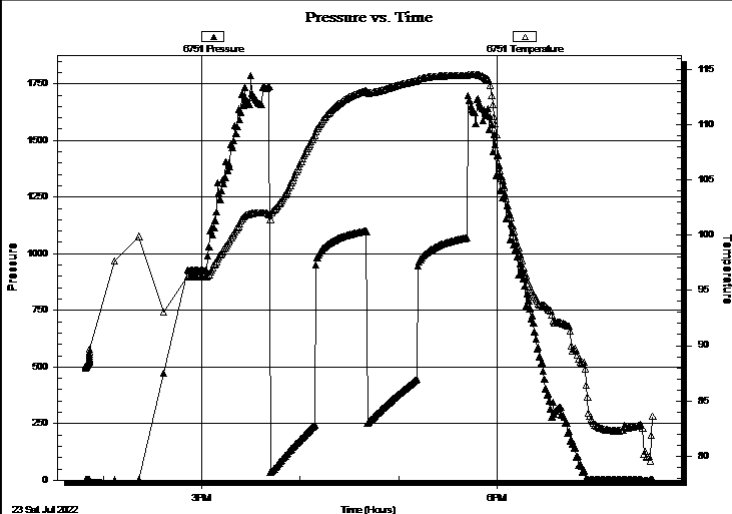
Start Time: 13:49:01

End Time: 19:35:02

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 30 min., BOB 5 min., strong building blow , 62 inches
IS: 30 min., no blow back
FF: 30 min., BOB 5 min., strong building blow , 63 inches
FS: 30 min., no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
977.00	Water 100%W	13.70

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc.

19-16s-12w Barton,KS

4924 SE 84th St.
New ton, KS 67114

Scarface #1

Job Ticket: 68910

DST#: 2

ATTN: Keaton Jones

Test Start: 2022.07.23 @ 13:49:00

Tool Information

Drill Pipe:	Length: 3413.00 ft	Diameter: 3.80 inches	Volume: 47.88 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 47.88 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	3428.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	7.00 ft				
Tool Length:	37.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3403.00	
Hydraulic tool	5.00			3408.00	
Isolator Sub	3.00			3411.00	
Jars	5.00			3416.00	
Safety Joint	3.00			3419.00	
Packer	5.00			3424.00	30.00 Bottom Of Top Packer
Packer	4.00			3428.00	
Stubb	1.00			3429.00	
Perforations	3.00			3432.00	
Recorder	0.00	8672	Inside	3432.00	
Recorder	0.00	6751	Outside	3432.00	
Bullnose	3.00			3435.00	7.00 Bottom Packers & Anchor

Total Tool Length: 37.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

19-16s-12w Barton,KS

4924 SE 84th St.
New ton, KS 67114

Scarface #1

Job Ticket: 68910

DST#: 2

ATTN: Keaton Jones

Test Start: 2022.07.23 @ 13:49:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

17000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
977.00	Water 100%W	13.705

Total Length: 977.00 ft Total Volume: 13.705 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

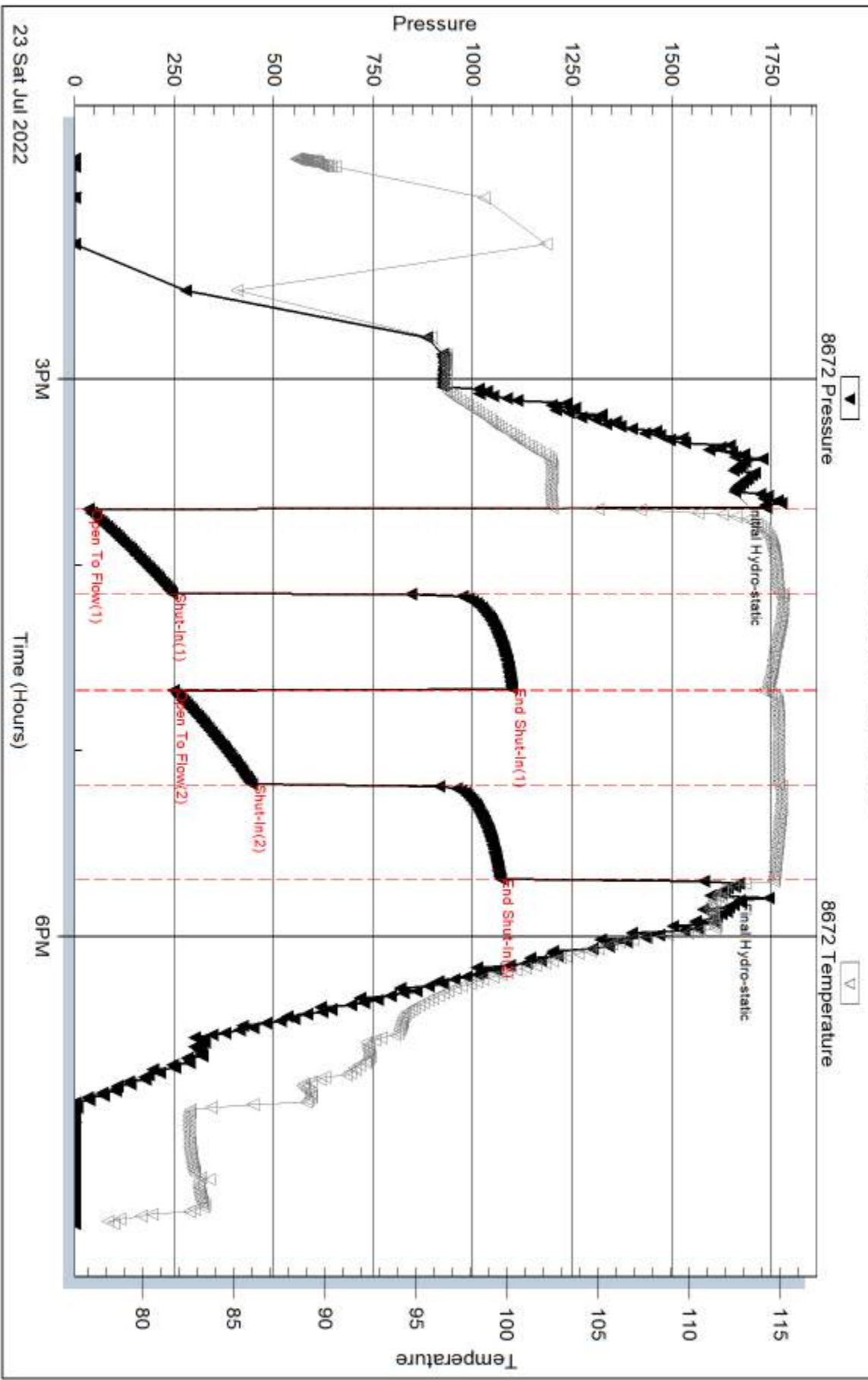
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.347@82F=17,000ppm

Pressure vs. Time

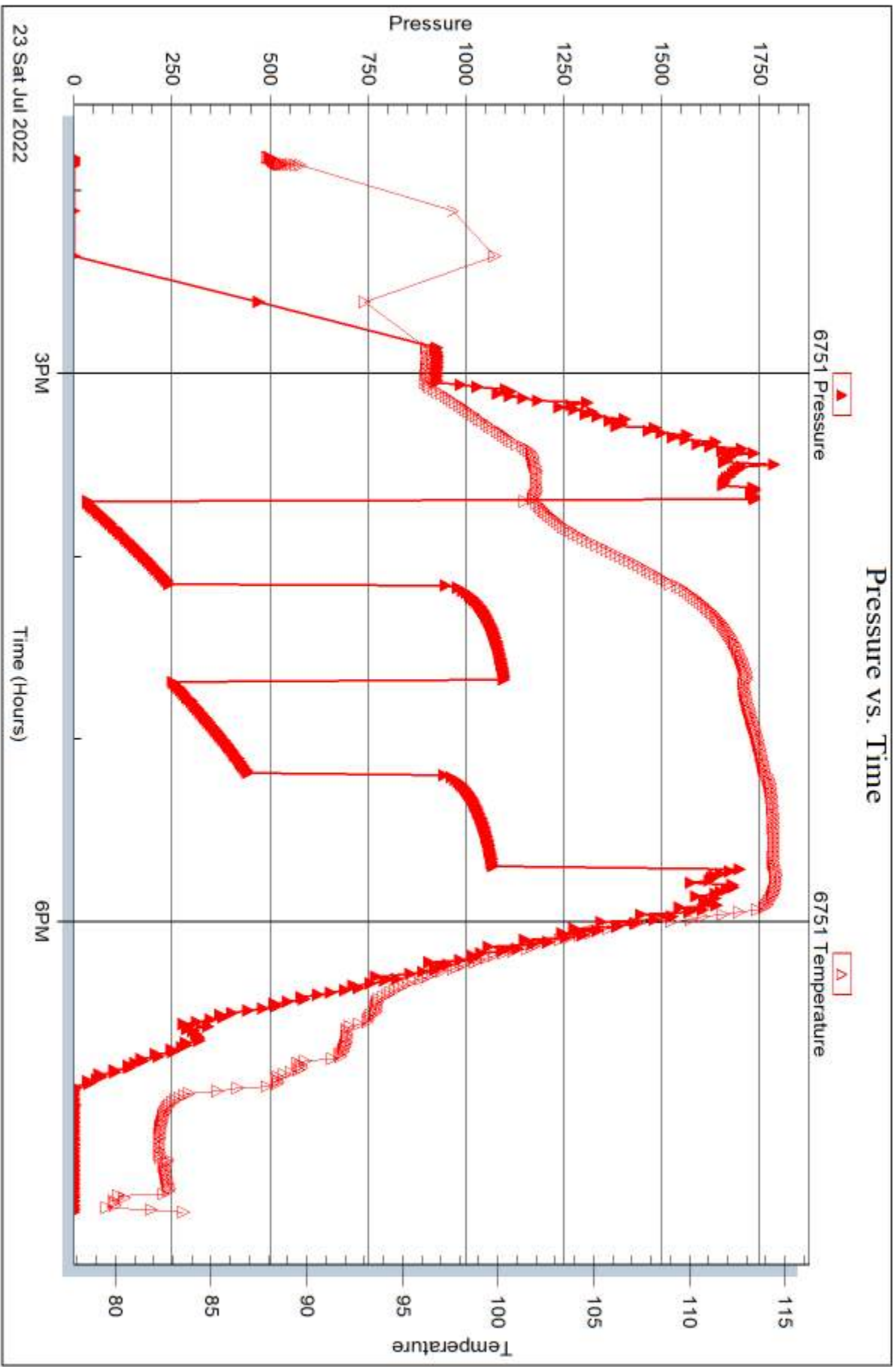


Serial #: 6751

Outside Palomino Petroleum, Inc.

Scarface #1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 68910

Printed: 2022.07.25 @ 17:19:35



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc.**

4924 SE 84th St.
Newton, KS 67114

ATTN: Keaton Jones

Scarface #1

19-16s-12w Barton,KS

Start Date: 2022.07.24 @ 09:28:00

End Date: 2022.07.24 @ 14:32:02

Job Ticket #: 68911 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.07.25 @ 17:18:57



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

19-16s-12w Barton, KS

4924 SE 84th St.
New ton, KS 67114

Scarface #1

Job Ticket: 68911

DST#: 3

ATTN: Keaton Jones

Test Start: 2022.07.24 @ 09:28:00

GENERAL INFORMATION:

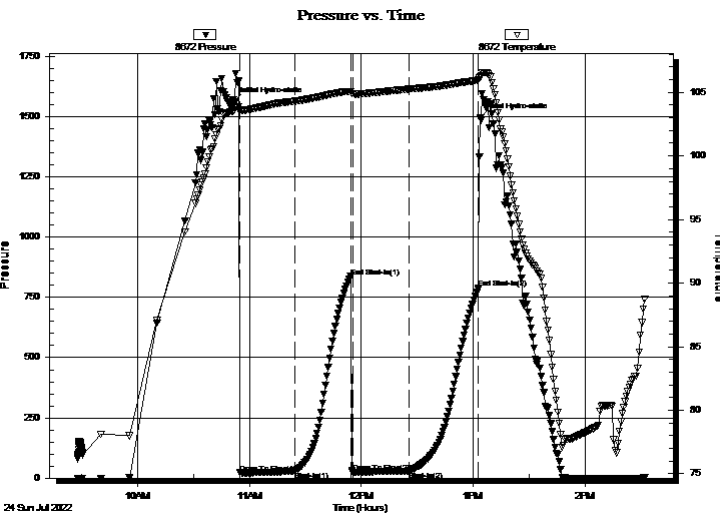
Formation: **KC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:54:47
 Time Test Ended: 14:32:02
 Interval: **3280.00 ft (KB) To 3369.00 ft (KB) (TVD)**
 Total Depth: 3515.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle (Initial)
 Tester: Chris Hagman
 Unit No: 69
 Reference Elevations: 1951.00 ft (KB)
 1941.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8672

Outside

Press@RunDepth: 29.51 psig @ 3349.00 ft (KB) Capacity: psig
 Start Date: 2022.07.24 End Date: 2022.07.24 Last Calib.: 2022.07.24
 Start Time: 09:28:01 End Time: 14:32:02 Time On Btm: 2022.07.24 @ 10:51:47
 Time Off Btm: 2022.07.24 @ 13:03:47

TEST COMMENT: IF: 30 min., weak surface blow, .3 inches
 IS: 30 min., no blow back
 FF: 30 min., weak surface blow, 1 inch
 FS: 30 min., no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1559.46	103.56	Initial Hydro-static
3	21.32	103.50	Open To Flow (1)
33	29.89	104.31	Shut-In(1)
63	836.36	105.07	End Shut-In(1)
64	24.87	104.90	Open To Flow (2)
94	29.51	105.25	Shut-In(2)
131	787.63	105.97	End Shut-In(2)
132	1495.06	106.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	oil cut mud 10%O, 90%M	0.42

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

19-16s-12w Barton, KS

4924 SE 84th St.
New ton, KS 67114

Scarface #1

Job Ticket: 68911

DST#: 3

ATTN: Keaton Jones

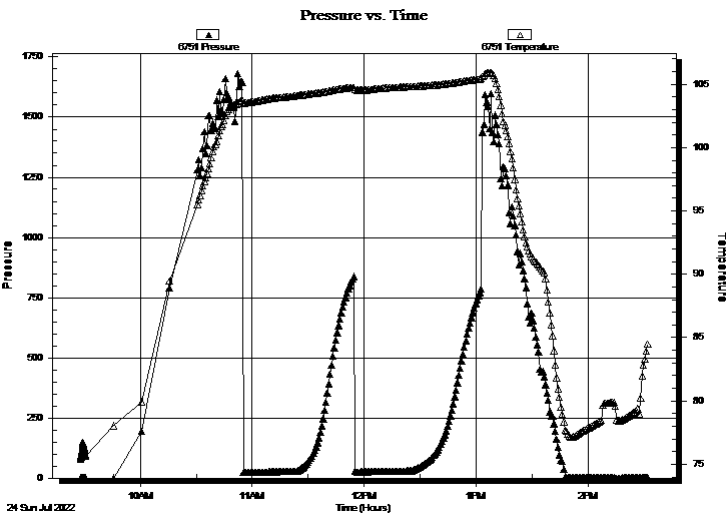
Test Start: 2022.07.24 @ 09:28:00

GENERAL INFORMATION:

Formation: **KC**
Deviated: No **Whipstock:** ft (KB) **Test Type:** Conventional Straddle (Initial)
Time Tool Opened: 10:54:47 **Tester:** Chris Hagman
Time Test Ended: 14:32:02 **Unit No:** 69
Interval: 3280.00 ft (KB) To 3369.00 ft (KB) (TVD) **Reference Elevations:** 1951.00 ft (KB)
Total Depth: 3515.00 ft (KB) (TVD) 1941.00 ft (CF)
Hole Diameter: 7.88 inches **Hole Condition:** Good **KB to GR/CF:** 10.00 ft

Serial #: 6751 Inside
Press@RunDepth: psig @ 3349.00 ft (KB) **Capacity:** psig
Start Date: 2022.07.24 **End Date:** 2022.07.24 **Last Calib.:** 1899.12.30
Start Time: 09:28:01 **End Time:** 14:32:02 **Time On Btm:**
Time Off Btm:

TEST COMMENT: IF: 30 min., weak surface blow, .3 inches
 IS: 30 min., no blow back
 FF: 30 min., weak surface blow, 1 inch
 FS: 30 min., no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
30.00	oil cut mud 10%O, 90%M	0.42

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

19-16s-12w Barton,KS

4924 SE 84th St.
New ton, KS 67114

Scarface #1

Job Ticket: 68911

DST#: 3

ATTN: Keaton Jones

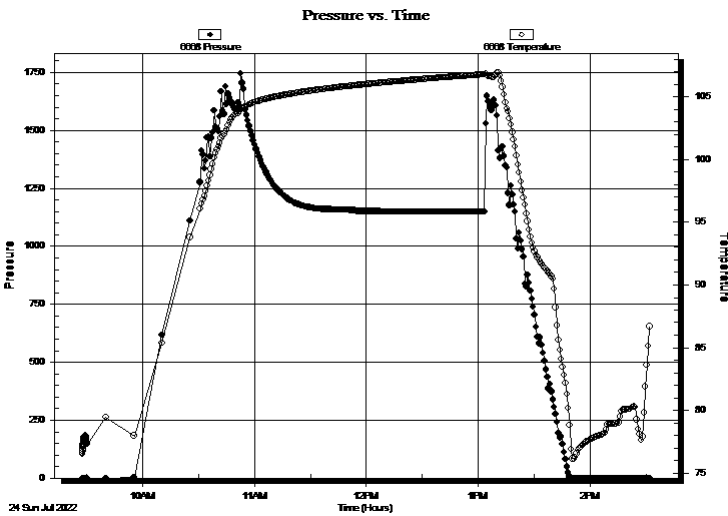
Test Start: 2022.07.24 @ 09:28:00

GENERAL INFORMATION:

Formation: **KC**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Straddle (Initial)
Time Tool Opened: 10:54:47 Tester: Chris Hagman
Time Test Ended: 14:32:02 Unit No: 69
Interval: 3280.00 ft (KB) To 3369.00 ft (KB) (TVD) Reference Elevations: 1951.00 ft (KB)
Total Depth: 3515.00 ft (KB) (TVD) 1941.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 6668 Below (Straddle)
Press@RunDepth: psig @ 3370.00 ft (KB) Capacity: psig
Start Date: 2022.07.24 End Date: 2022.07.24 Last Calib.: 1899.12.30
Start Time: 09:28:01 End Time: 14:32:02 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: 30 min., weak surface blow, .3 inches
IS: 30 min., no blow back
FF: 30 min., weak surface blow, 1 inch
FS: 30 min., no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
30.00	oil cut mud 10%O, 90%M	0.42

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc.

19-16s-12w Barton,KS

4924 SE 84th St.
New ton, KS 67114

Scarface #1

Job Ticket: 68911

DST#: 3

ATTN: Keaton Jones

Test Start: 2022.07.24 @ 09:28:00

Tool Information

Drill Pipe:	Length: 3259.00 ft	Diameter: 3.80 inches	Volume: 45.72 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 45.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3280.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	3515.00 ft			
Interval between Packers:	235.00 ft			
Tool Length:	262.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Graphs did not match, good straddle

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3258.00	
Hydraulic tool	5.00			3263.00	
Jars	5.00			3268.00	
Safety Joint	3.00			3271.00	
Packer	5.00			3276.00	27.00 Bottom Of Top Packer
Packer	4.00			3280.00	
Stubb	1.00			3281.00	
Perforations	3.00			3284.00	
Change Over Sub	1.00			3285.00	
Drill Pipe	63.00			3348.00	
Change Over Sub	1.00			3349.00	
Recorder	0.00	8672	Outside	3349.00	
Recorder	0.00	6751	Inside	3349.00	
Pickup sub perf	5.00			3354.00	
Perforations	10.00			3364.00	
Blank Off Sub	1.00			3365.00	
Packer - Shale	4.00			3369.00	
Stubb	1.00			3370.00	
Recorder	0.00	6668	Below	3370.00	
Perforations	14.00			3384.00	
Change Over Sub	1.00			3385.00	
Drill Pipe	126.00			3511.00	
Change Over Sub	1.00			3512.00	
Bullnose	3.00			3515.00	235.00 Bottom Packers & Anchor
Total Tool Length:	262.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

19-16s-12w Barton,KS

4924 SE 84th St.
New ton, KS 67114

Scarface #1

Job Ticket: 68911

DST#: 3

ATTN: Keaton Jones

Test Start: 2022.07.24 @ 09:28:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	oil cut mud 10%O, 90%M	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

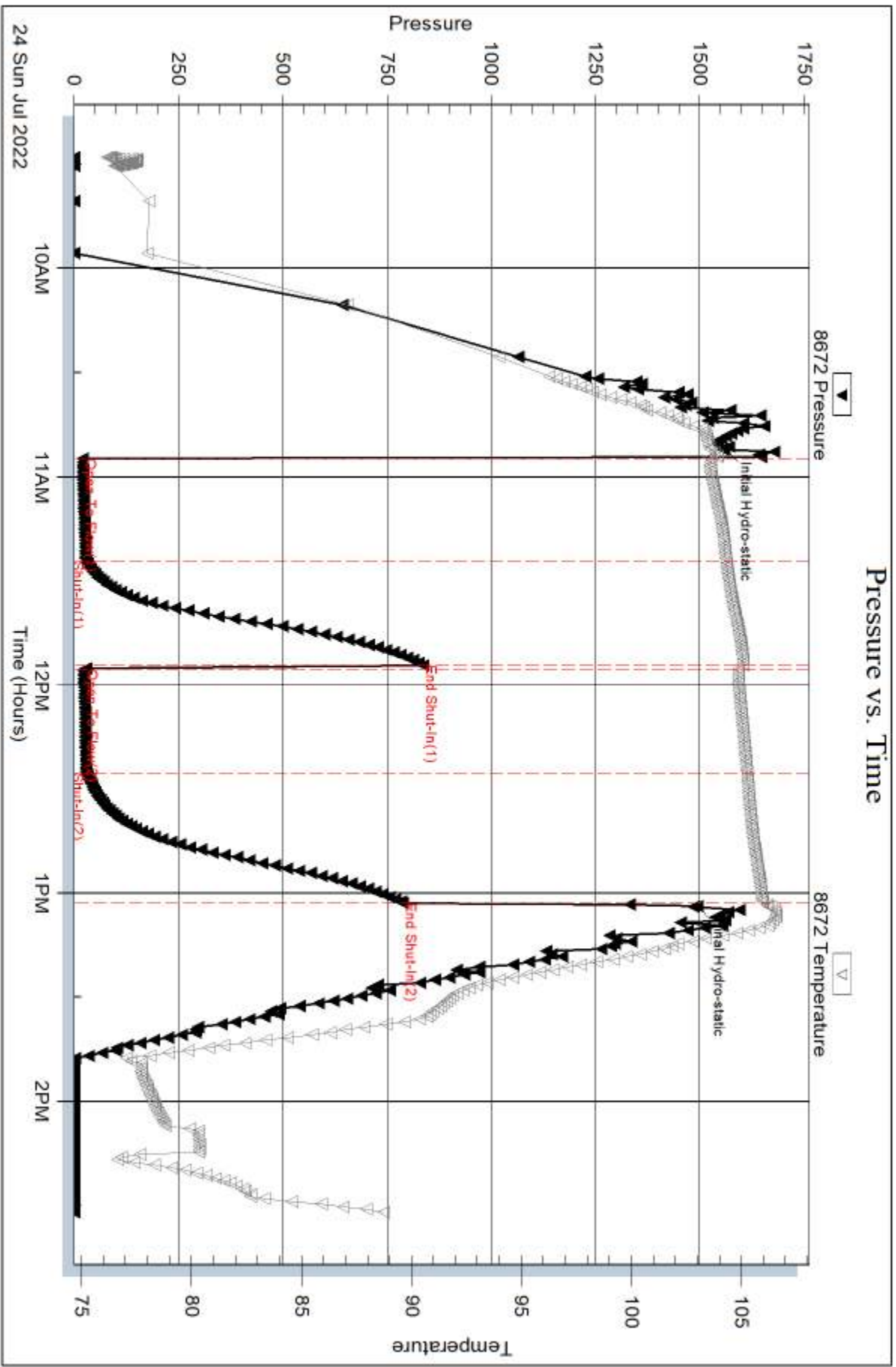
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



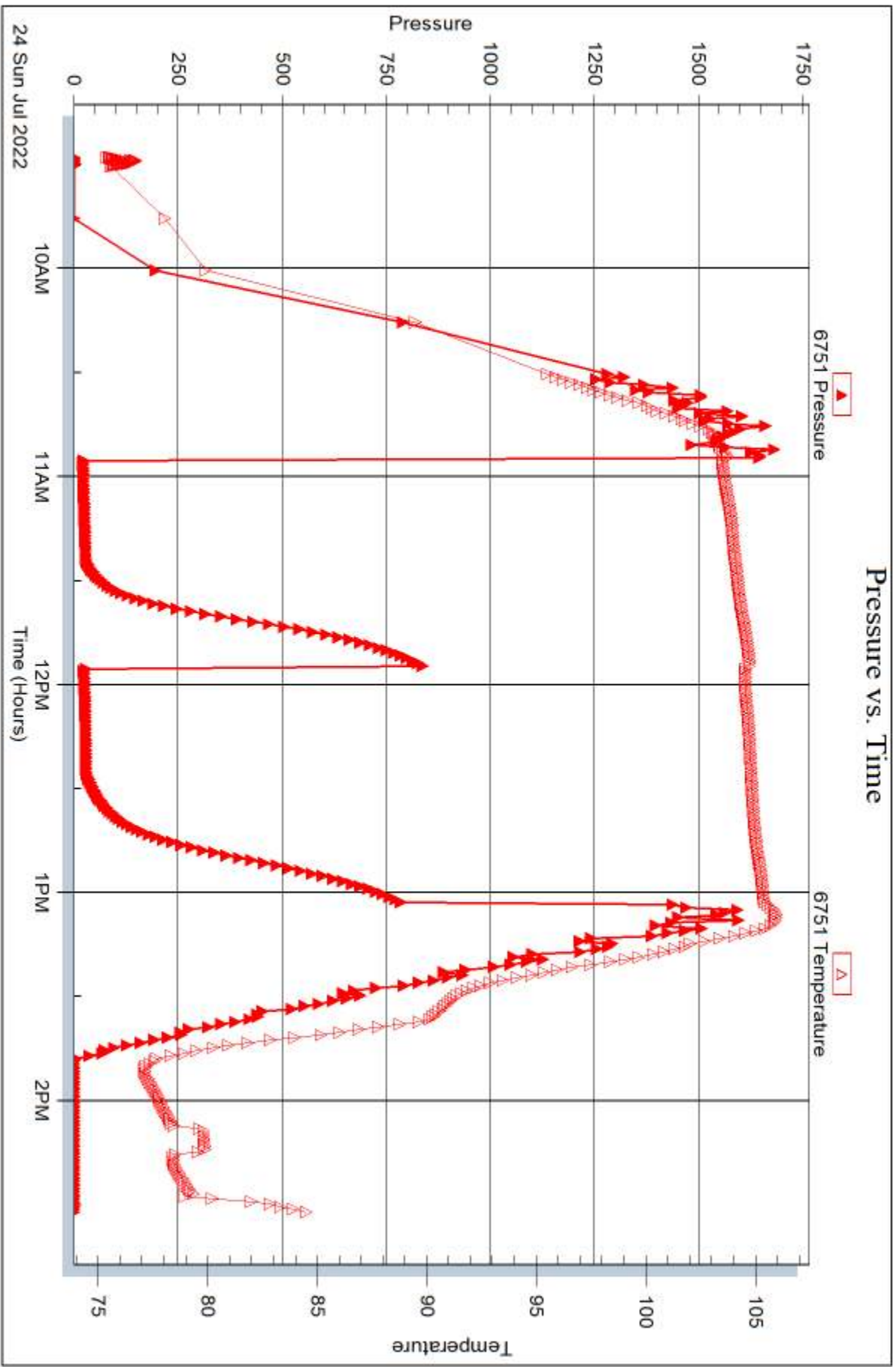
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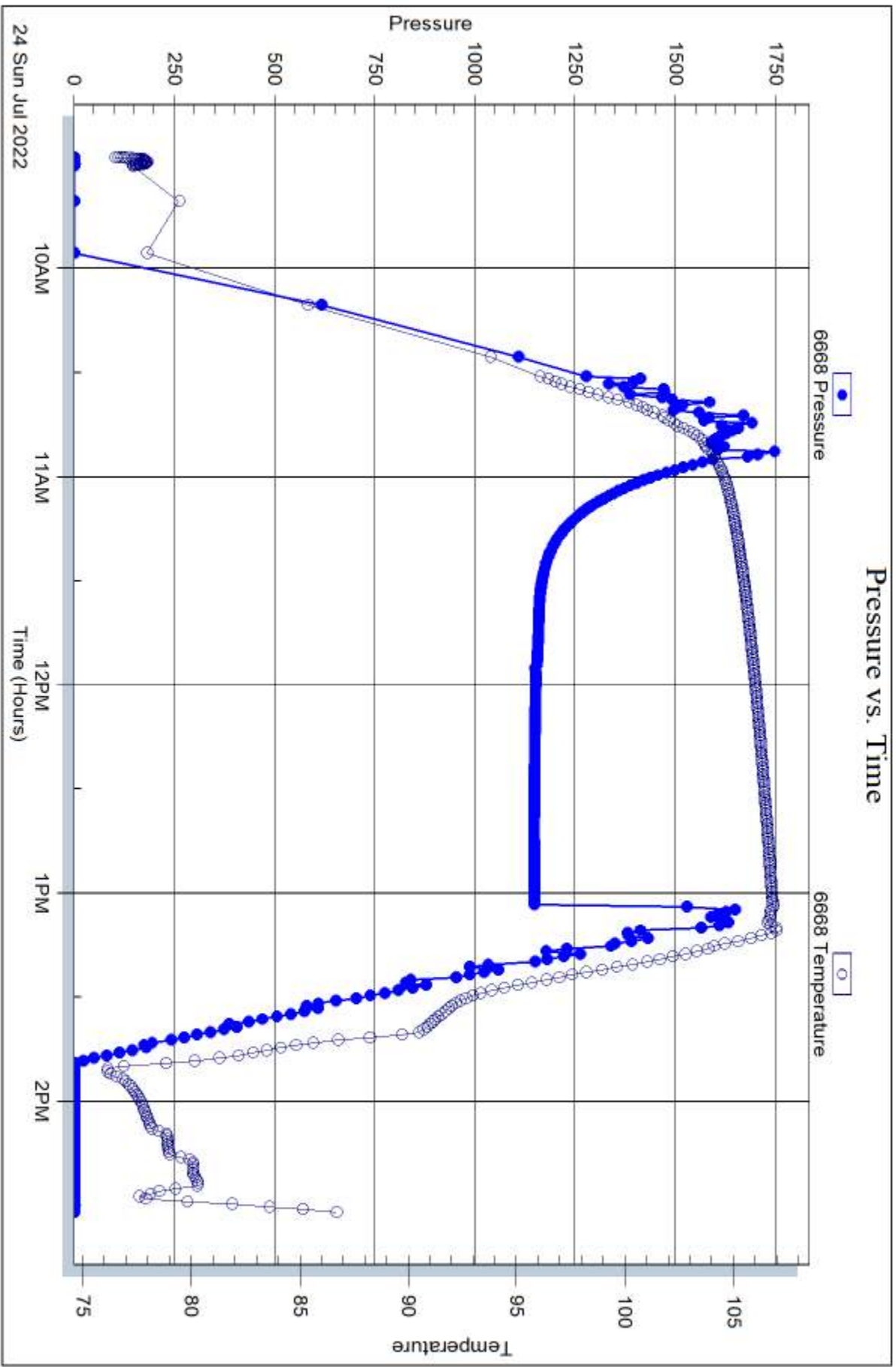
Inside

Palomino Petroleum, Inc.

Scarface #1

DST Test Number: 3







DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc.**

4924 SE 84th St.
Newton, KS 67114

ATTN: Keaton Jones

Scarface #1

19-16s-12w Barton,KS

Start Date: 2022.07.24 @ 15:19:00

End Date: 2022.07.24 @ 20:57:02

Job Ticket #: 68912 DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.07.25 @ 17:07:40



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

19-16s-12w Barton,KS

4924 SE 84th St.
New ton, KS 67114

Scarface #1

Job Ticket: 68912

DST#: 4

ATTN: Keaton Jones

Test Start: 2022.07.24 @ 15:19:00

GENERAL INFORMATION:

Formation: **LKC A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:59:47

Time Test Ended: 20:57:02

Test Type: Conventional Straddle (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 3085.00 ft (KB) To 3178.00 ft (KB) (TVD)

Reference Elevations: 1951.00 ft (KB)

Total Depth: 3515.00 ft (KB) (TVD)

1941.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8672 Outside

Press@RunDepth: 28.16 psig @ 3089.00 ft (KB)

Capacity: psig

Start Date: 2022.07.24

End Date:

2022.07.24

Last Calib.:

1899.12.30

Start Time: 15:19:01

End Time:

20:57:02

Time On Btm:

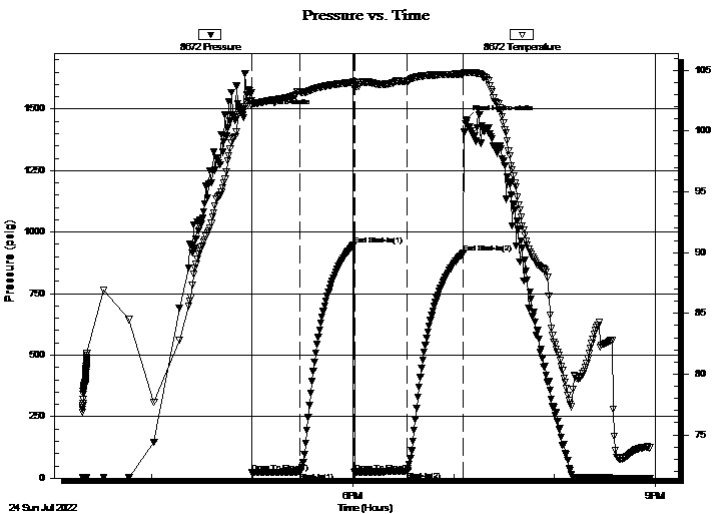
2022.07.24 @ 16:53:47

Time Off Btm:

2022.07.24 @ 19:07:17

TEST COMMENT: IF: 30 min., weak surface blow , 1 inch
IS: 30 min., no blow back
FF: 30 min., weak surface blow , .4 inches
FS: 30 min., no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1482.10	101.72	Initial Hydro-static
6	21.60	102.11	Open To Flow (1)
35	25.64	103.23	Shut-In(1)
67	947.52	104.04	End Shut-In(1)
67	22.04	103.52	Open To Flow (2)
98	28.16	104.08	Shut-In(2)
132	915.90	104.73	End Shut-In(2)
134	1456.38	104.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%M	0.14

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

19-16s-12w Barton, KS

4924 SE 84th St.
New ton, KS 67114

Scarface #1

Job Ticket: 68912

DST#: 4

ATTN: Keaton Jones

Test Start: 2022.07.24 @ 15:19:00

GENERAL INFORMATION:

Formation: **LKC A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:59:47

Time Test Ended: 20:57:02

Interval: **3085.00 ft (KB) To 3178.00 ft (KB) (TVD)**

Total Depth: 3515.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Straddle (Initial)

Tester: Chris Hagman

Unit No: 69

Reference Elevations: 1951.00 ft (KB)

1941.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6751

Inside

Press@RunDepth: psig @ 3089.00 ft (KB)

Start Date: 2022.07.24

End Date:

2022.07.24

Start Time: 15:19:01

End Time:

20:57:02

Capacity: psig

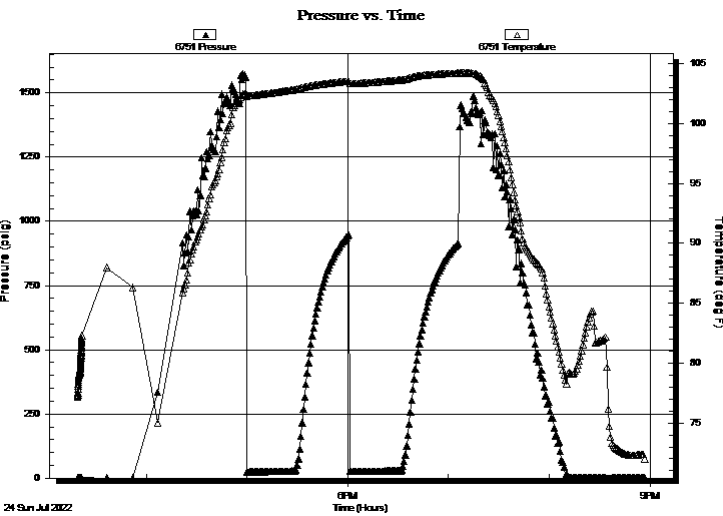
Last Calib.:

1899.12.30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 30 min., weak surface blow, 1 inch
IS: 30 min., no blow back
FF: 30 min., weak surface blow, .4 inches
FS: 30 min., no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%M	0.14

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

19-16s-12w Barton, KS

4924 SE 84th St.
New ton, KS 67114

Scarface #1

Job Ticket: 68912

DST#: 4

ATTN: Keaton Jones

Test Start: 2022.07.24 @ 15:19:00

GENERAL INFORMATION:

Formation: **LKC A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:59:47

Time Test Ended: 20:57:02

Test Type: Conventional Straddle (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 3085.00 ft (KB) To 3178.00 ft (KB) (TVD)

Reference Elevations: 1951.00 ft (KB)

Total Depth: 3515.00 ft (KB) (TVD)

1941.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6668 Below (Straddle)

Press@RunDepth: psig @ 3179.00 ft (KB)

Capacity: psig

Start Date: 2022.07.24

End Date:

2022.07.24

Last Calib.:

1899.12.30

Start Time: 15:19:01

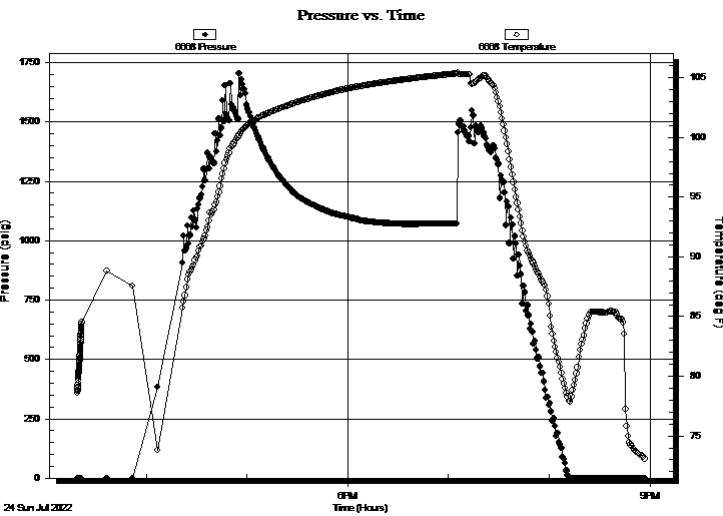
End Time:

20:57:02

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 30 min., weak surface blow , 1 inch
IS: 30 min., no blow back
FF: 30 min., weak surface blow , .4 inches
FS: 30 min., no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%M	0.14

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc.

19-16s-12w Barton,KS

4924 SE 84th St.
New ton, KS 67114

Scarface #1

Job Ticket: 68912

DST#: 4

ATTN: Keaton Jones

Test Start: 2022.07.24 @ 15:19:00

Tool Information

Drill Pipe:	Length: 3069.00 ft	Diameter: 3.80 inches	Volume: 43.05 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 43.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3085.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	3515.00 ft			
Interval between Packers:	430.00 ft			
Tool Length:	457.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments: good straddle

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3063.00	
Hydraulic tool	5.00			3068.00	
Jars	5.00			3073.00	
Safety Joint	3.00			3076.00	
Packer	5.00			3081.00	27.00 Bottom Of Top Packer
Packer	4.00			3085.00	
Stubb	1.00			3086.00	
Perforations	2.00			3088.00	
Change Over Sub	1.00			3089.00	
Recorder	0.00	8672	Outside	3089.00	
Recorder	0.00	6751	Inside	3089.00	
Drill Pipe	63.00			3152.00	
Change Over Sub	1.00			3153.00	
Pickup sub perf	5.00			3158.00	
Perforations	15.00			3173.00	
Blank Off Sub	1.00			3174.00	
Packer - Shale	4.00			3178.00	
Stubb	1.00			3179.00	
Recorder	0.00	6668	Below	3179.00	
Perforations	16.00			3195.00	
Change Over Sub	1.00			3196.00	
Drill Pipe	315.00			3511.00	
Change Over Sub	1.00			3512.00	
Bullnose	3.00			3515.00	430.00 Bottom Packers & Anchor
Total Tool Length:	457.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

19-16s-12w Barton,KS

4924 SE 84th St.
New ton, KS 67114

Scarface #1

Job Ticket: 68912

DST#: 4

ATTN: Keaton Jones

Test Start: 2022.07.24 @ 15:19:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100%M	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

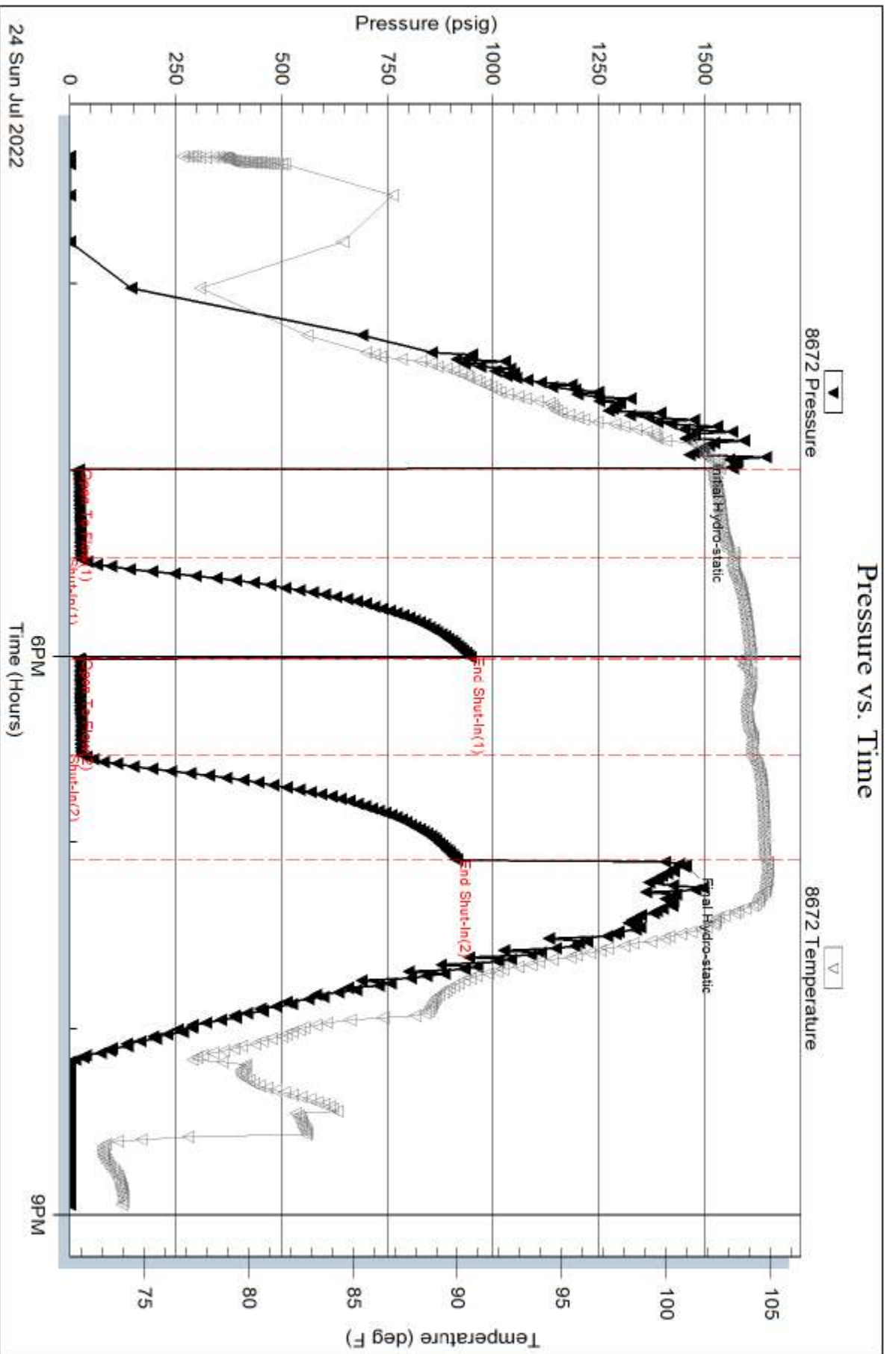
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



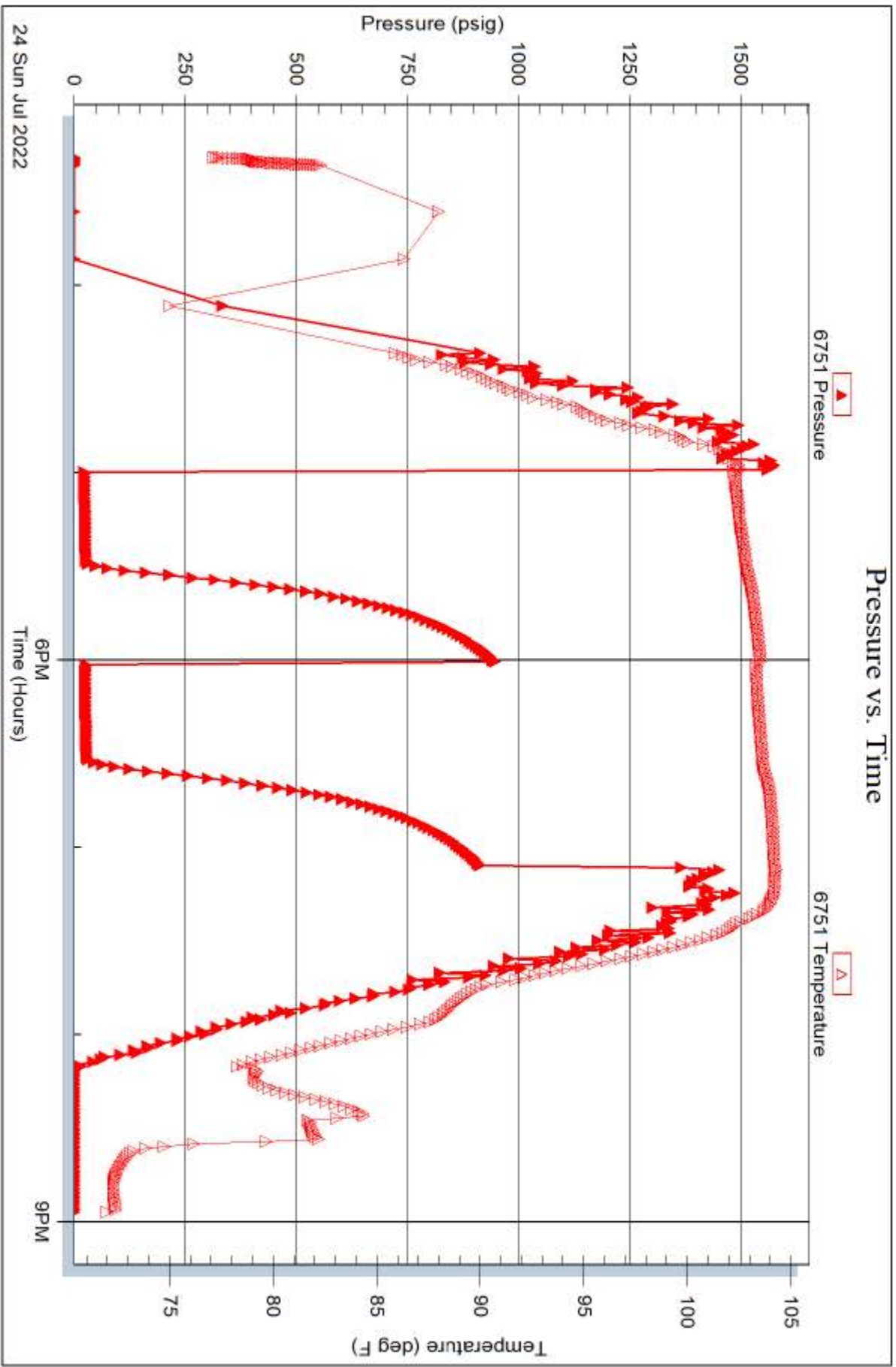
Serial #: 6751

Inside

Palomino Petroleum, Inc.

Scarface #1

DST Test Number: 4



24 Sun Jul 2022

6PM
Time (Hours)

9PM

Trilobite Testing, Inc

Ref. No: 68912

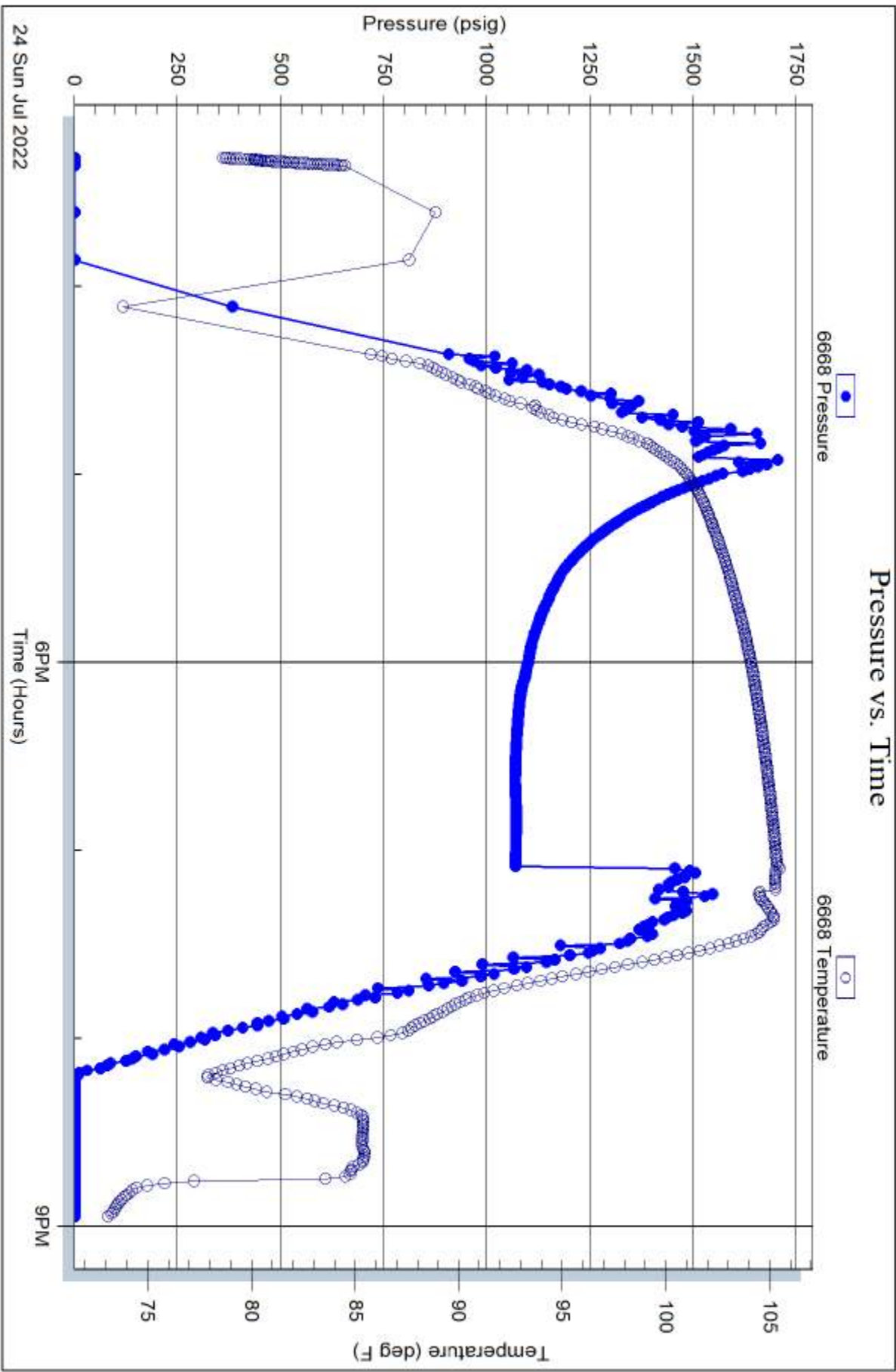
Printed: 2022.07.25 @ 17:07:41

Serial #: 6668

Below (Str Ratten) Petrochem, Inc.

Scarface #1

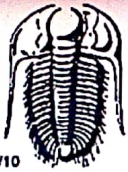
DST Test Number: 4



24 Sun Jul 2022

6PM
Time (Hours)

9PM



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68909

Well Name & No. Scarface #1 Test No. 1 Date 7-23-22
 Company Palomino Petroleum, Inc. Elevation 1951 KB 1941 GL
 Address 4924 SE 84th St. Newton, KS 67114
 Co. Rep / Geo. Keaton Jones Rig Duke #2
 Location: Sec. 19 Twp 16 Rge. 12 Co. Barston State KS

Interval Tested 3403-3428 Zone Tested Airbuckle
 Anchor Length 25' Drill Pipe Run 3379 Mud Wt. 9.45
 Top Packer Depth 3398 Drill Collars Run 0 Vis 417
 Bottom Packer Depth 3403 Wt. Pipe Run N.A. WL 9.2
 Total Depth 3428 Chlorides 3,600 ppm System LCM 1.5 #

Blow Description IF: 30 min., strong building blow, 9.4 inches
ISL: 30 min., no blow back
FF: 30 min., strong building blow, 6.6 inches
FSL: 30 min., no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>100'</u>	<u>watery oil cut mud</u>	<u>20</u>	<u>5</u>	<u>75</u>	
<u>50'</u>	<u>gassy oil</u>	<u>95</u>			
<u>62'</u>	<u>G.P.P.</u>				

Rec Total 150' BHT 113 Gravity API 38 @ 90 °F Chlorides 35 ppm

- (A) Initial Hydrostatic 1723
- (B) First Initial Flow 30
- (C) First Final Flow 57
- (D) Initial Shut-In 1143
- (E) Second Initial Flow 58
- (F) Second Final Flow 83
- (G) Final Shut-In 1140
- (H) Final Hydrostatic 1660

- Test CONV. 1800
- Jars 300
- Safety Joint
- Circ Sub
- Hourly Standby
- Mileage 140 (Pratt) 210
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 2310

- T-On Location 2200
- T-Started 0230
- T-Open 0435
- T-Pulled 0635
- T-Out 0900
- Comments h.B.E @ 0226
SM @ 0230
- EM Tool good
- Ruined Shale Packer
- Ruined Packer
- Extra Copies
- Sub Total 0
- Total 2310
- MP/DST Disc't

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30

Approved By _____ Our Representative Chris Hagman
 Trilobite Testing Inc. shall not be liable for damaged or any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **68910**

Well Name & No. Surface #1 Test No. 2 Date 07-23-22
 Company Palomares Petroleum, Inc. Elevation 1951 KB 1941 GL
 Address 4924 SE 84th St. Newton, KS 67114
 Co. Rep / Geo. Keenan Jones Rig Duke #2
 Location: Sec. 19 Twp 16 Rge. 12 Co. Barton State KS

Interval Tested 4428-4435 Zone Tested Air buckle
 Anchor Length 7' Drill Pipe Run 4413 Mud Wt. 9.45
 Top Packer Depth 4423 Drill Collars Run Ø Vis 4.7
 Bottom Packer Depth 4428 Wt. Pipe Run N.A. WL 9.2
 Total Depth 4435 Chlorides 3,600 ppm System LCM 1.5

Blow Description IF: 30 min., BOB 5 min., strong building blow, 62 inches
IS: 30 min., no blow back
FP: 30 min., BOB 5 min., strong building blow, 63 inches
FS: 30 min., no blow back

Rec	Feet of	%gas	%oil	%water	%mud
977	water			100%	

Rec Total 977 BHT 115 Gravity API RW .347 @ 82° F Chlorides 17,000 ppm
 (A) Initial Hydrostatic 1658 Test COU. 1950 T-On Location 1330
 (B) First Initial Flow 35 Jars 300 T-Started 1400
 (C) First Final Flow 245 Safety Joint _____ T-Open 1545
 (D) Initial Shut-In 1099 Circ Sub _____ T-Pulled 1745
 (E) Second Initial Flow 248 Hourly Standby _____ T-Out 1930
 (F) Second Final Flow 445 Mileage X 70 (Lake House) Comments EM @ 1347
 (G) Final Shut-In 1070 Sampler 140rt 210 EM @ 1400
 (H) Final Hydrostatic 1632 Straddle _____ EM Tool 50% -350
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total -350
 Accessibility _____ Total 2110
 Sub Total 2460 MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30

Approved By _____ Our Representative Chris Hagan

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68911

Well Name & No. Surface 1 Test No. 3 Date 7-24-22
 Company Palomina Petroleum, Inc. Elevation 1751 KB 1941 GL
 Address 4924 SE 84th St, Newton, KS 67114
 Co. Rep / Geo. Keaton Jones Rig Duke #2
 Location: Sec. 19 Twp 16 Rge. 12 Co. Barton State KS

Interval Tested 3280-3369 Zone Tested Kansas City
 Anchor Length 89' Drill Pipe Run 3259 Mud Wt. 9.45
 Top Packer Depth 3275 Drill Collars Run Ø Vis 51
 Bottom Packer Depth 3280 Wt. Pipe Run N.A. WL 11.6
 Total Depth 3515 Chlorides 7400 ppm System LCM 5 #

Blow Description IF: 30 min., weak surface blow, 3 inches
ISB: 30 min., no blow back
FF: 30 min., weak surface blow, 1 inch
FSB: 30 min., no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>oil cut mud</u>	<u>10</u>		<u>90</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 30 BHT 106 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1559 Test Straddle ¹⁹⁵⁰
 (B) First Initial Flow 21 Jars 300
 (C) First Final Flow 30 Safety Joint _____
 (D) Initial Shut-In 836 Circ Sub _____
 (E) Second Initial Flow 25 Hourly Standby _____
 (F) Second Final Flow 30 Mileage x 70 ²¹⁰
 (G) Final Shut-In 788 Sampler _____
 (H) Final Hydrostatic 1495 Straddle good straddle ⁶⁰⁰
 Shale Packer x 1.0 ²⁵⁰

Initial Open 30 Extra Packer _____
 Initial Shut-In 30 Extra Recorder _____
 Final Flow 30 Day Standby _____
 Final Shut-In 30 Accessibility _____

Sub Total 3310 MP/DST Disc't _____

T-On Location 0830
 T-Started 0930
 T-Open 1105
 T-Pulled 1305
 T-Out 1430
 Comments lets @ 0728
EM @ 0930
 EM Tool good
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 3310

Approved By _____ Our Representative Chris Hogman
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TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **68912**

Well Name & No. Surface 1 Test No. 4 Date 7-24-22
 Company Palomino Petroleum, Inc. Elevation 1951 KB 1941 GL
 Address 4924 SE 84th St. Newton, KS 67114
 Co. Rep / Geo. Keaton Jones Rig Duke #2
 Location: Sec. 19 Twp 16 Rge. 12 Co. Barton State KS

Interval Tested 3085-3178 Zone Tested Lansing A
 Anchor Length 93' Drill Pipe Run 3069 Mud Wt. 9.45
 Top Packer Depth 3080 Drill Collars Run 0 Vis 51
 Bottom Packer Depth 3085 Wt. Pipe Run N.A. WL 11.6
 Total Depth 3515 Chlorides 7400 ppm System LCM .5^F

Blow Description IF: 30 min., weak surface blow, 1 inch
ISL: 30 min., no blow back
PF: 30 min., weak surface blow, 4 inches
PSB: 30 min., no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

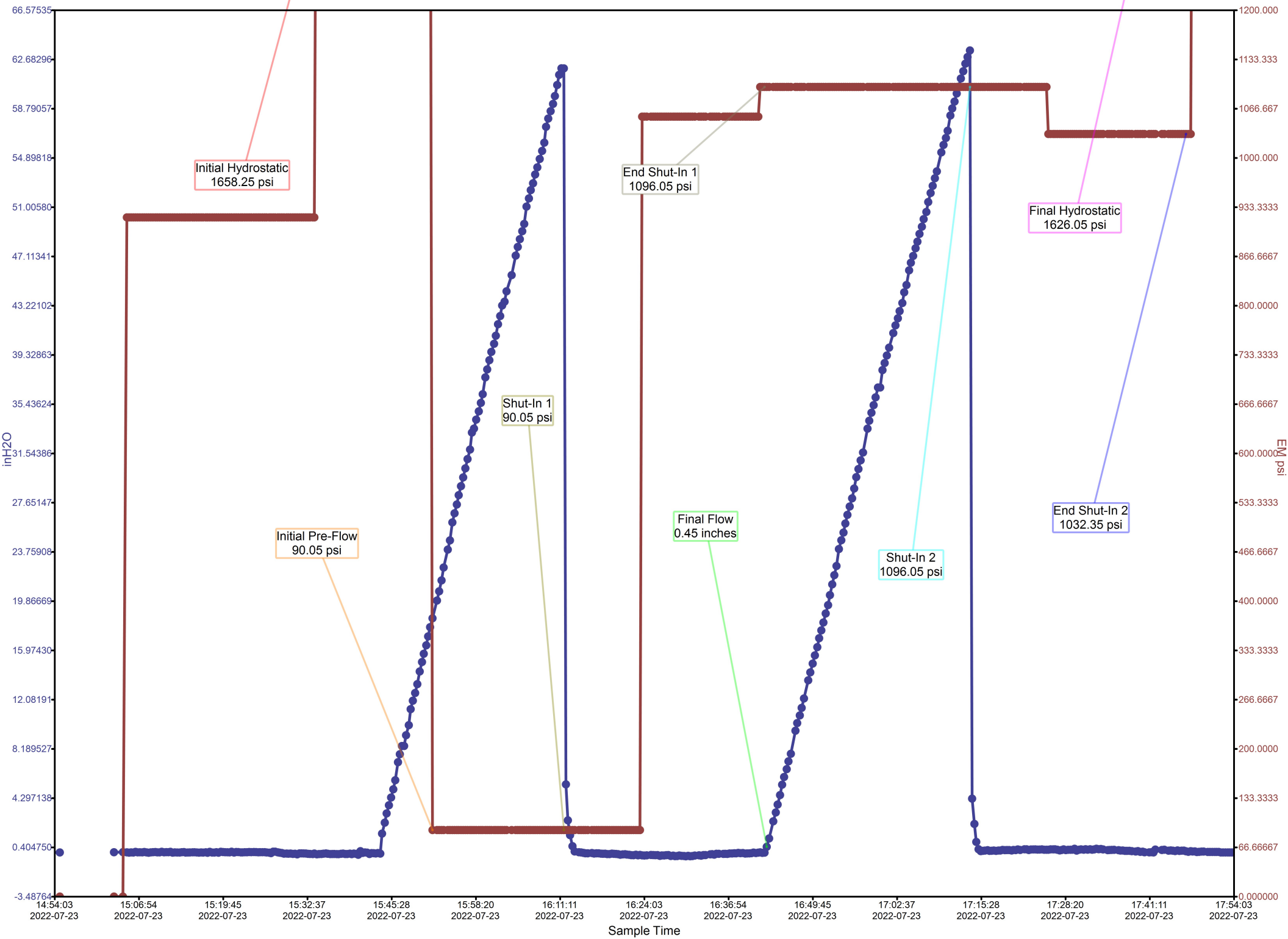
Rec Total 10 BHT 105 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1482 Test Straddle ¹⁹⁵⁰
 (B) First Initial Flow 72 Jars 300 T-On Location 1500
 (C) First Final Flow 26 Safety Joint _____ T-Started 1530
 (D) Initial Shut-In 948 Circ Sub _____ T-Open 1700
 (E) Second Initial Flow 72 Hourly Standby _____ T-Pulled 1900
 (F) Second Final Flow 28 Mileage 70 ²¹⁰ T-Out 2100
 (G) Final Shut-In 916 Sampler _____ Comments huts @ 1519
 (H) Final Hydrostatic 1456 Straddle good ⁶⁰⁰ EM @ 1520
 Shale Packer 250 EM Tool good

Initial Open 30 Ruined Shale Packer _____
 Initial Shut-In 30 Ruined Packer _____
 Final Flow 30 Extra Packer _____
 Final Shut-In 30 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 3310 Sub Total _____
 Total 3310 Total _____
 MP/DST Disc'l _____

Approved By _____ Our Representative Chris Heggen
 Tribolite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

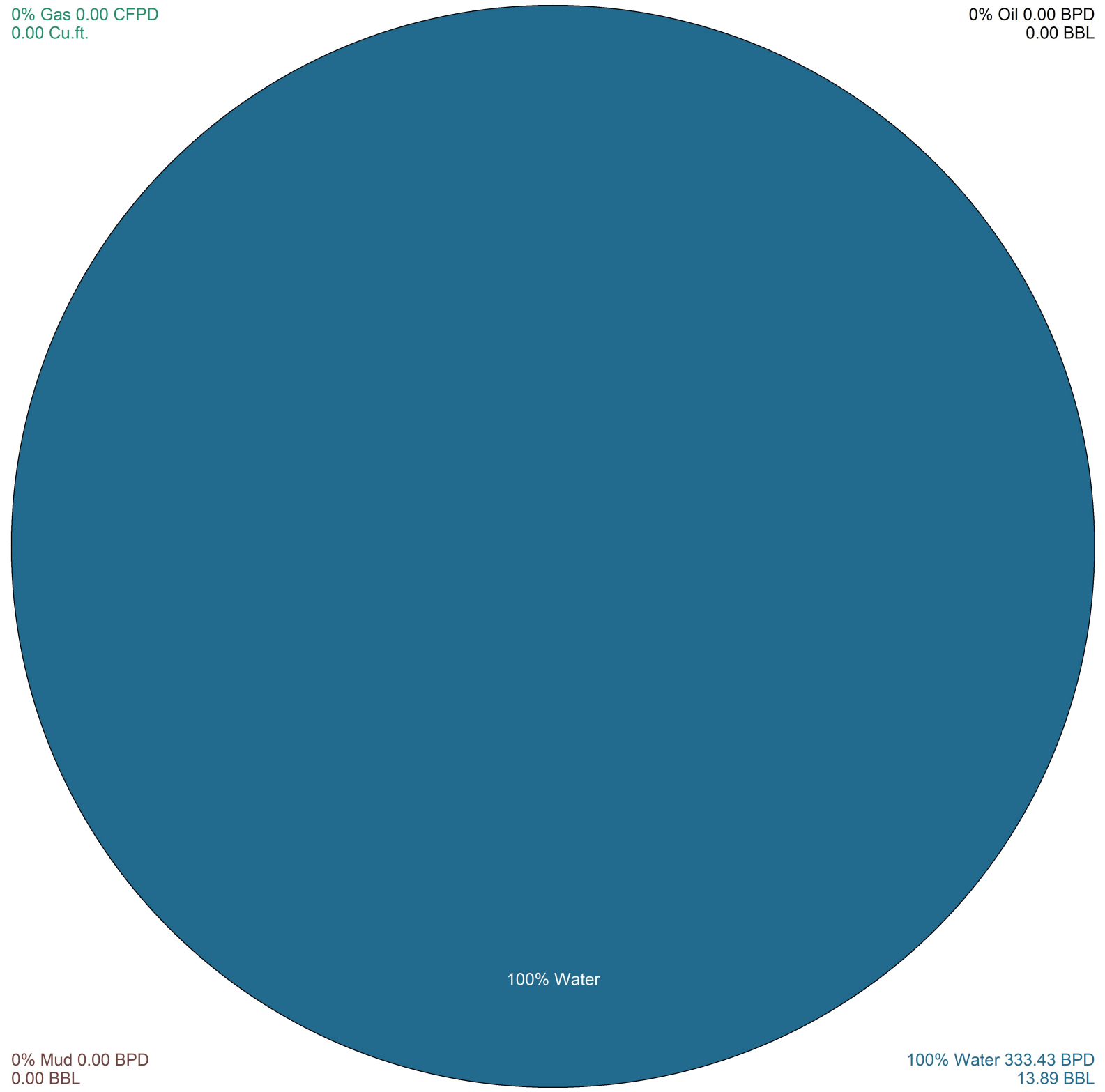
Palomino Petroleum - Scarface 1 - DST 2



Calculated Recovery Analysis - Palomino Petroleum - Scarface 1 - DST 2

0% Gas 0.00 CFPD
0.00 Cu.ft.

0% Oil 0.00 BPD
0.00 BBL



100% Water

0% Mud 0.00 BPD
0.00 BBL

100% Water 333.43 BPD
13.89 BBL



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

19/16/12

4924 SE 84 th St.
New ton, KS 67114

Scarface 1

Job Ticket: 68910

DST#: 2

ATTN: Keaton Jones

Test Start: 2022.07.23 @ 13:49:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: 1951.00 ft (KB)

Time Tool Opened: 15:42:02

Time Test Ended: 19:33:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 3428.00 ft (KB) To 3435.00 ft (KB) (TVD)

Reference Elevations: 1951.00 ft (KB)

Total Depth: 4435.00 ft (KB) (TVD)

1941.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8672

Inside

Press@RunDepth: 444.56 psig @ 3432.00 ft (KB)

Capacity: psig

Start Date: 2022.07.23

End Date: 2022.07.23

Last Calib.: 1899.12.30

Start Time: 13:49:01

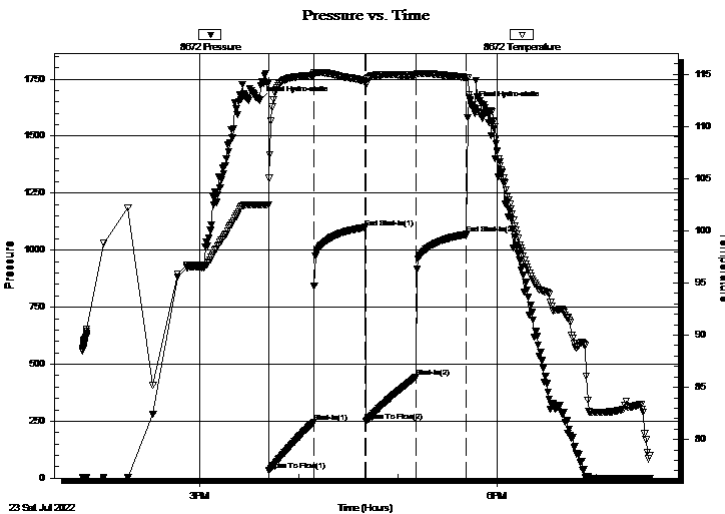
End Time: 19:33:02

Time On Btm: 2022.07.23 @ 15:36:32

Time Off Btm: 2022.07.23 @ 17:45:02

TEST COMMENT: IF: 30 min., BOB 5 min., strong building blow , 62 inches
IS: 30 min., no blow back
FF: 30 min., BOB 5 min., strong building blow , 63 inches
FS: 30 min., no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1657.78	102.46	Initial Hydro-static
6	34.98	105.04	Open To Flow (1)
33	245.44	114.93	Shut-In(1)
64	1099.48	114.32	End Shut-In(1)
64	248.18	113.97	Open To Flow (2)
95	444.56	114.93	Shut-In(2)
125	1069.50	114.68	End Shut-In(2)
129	1631.60	111.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
977.00	Water 100%W	13.70

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

19/16/12

4924 SE 84 th St.
New ton, KS 67114

Scarface 1

Job Ticket: 68910

DST#: 2

ATTN: Keaton Jones

Test Start: 2022.07.23 @ 13:49:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: 1951.00 ft (KB)

Time Tool Opened: 15:42:02

Time Test Ended: 19:33:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: **3428.00 ft (KB) To 3435.00 ft (KB) (TVD)**

Reference Elevations: 1951.00 ft (KB)

Total Depth: 4435.00 ft (KB) (TVD)

1941.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6751 Outside

Press@RunDepth: psig @ 3432.00 ft (KB)

Capacity: psig

Start Date: 2022.07.23

End Date: 2022.07.23

Last Calib.: 1899.12.30

Start Time: 13:49:01

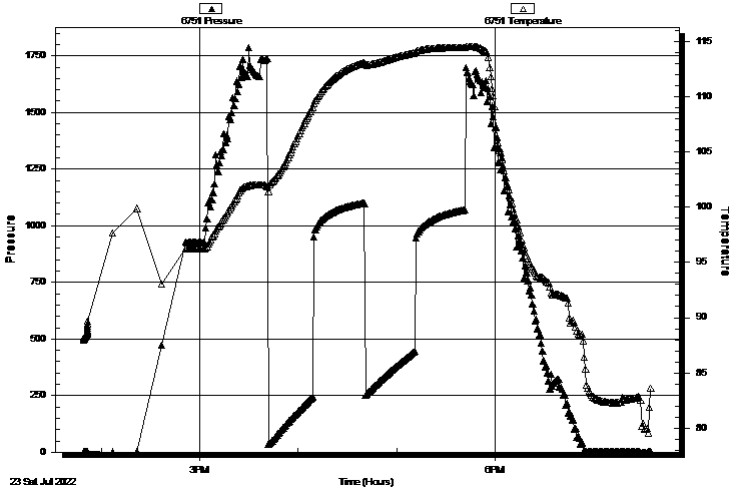
End Time: 19:35:02

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 30 min., BOB 5 min., strong building blow , 62 inches
IS: 30 min., no blow back
FF: 30 min., BOB 5 min., strong building blow , 63 inches
FS: 30 min., no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
977.00	Water 100%W	13.70

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

19/16/12

4924 SE 84 th St.
New ton, KS 67114

Scarface 1

Job Ticket: 68910

DST#: 2

ATTN: Keaton Jones

Test Start: 2022.07.23 @ 13:49:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

17000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
977.00	Water 100%W	13.705

Total Length: 977.00 ft Total Volume: 13.705 bbl

Num Fluid Samples: 0

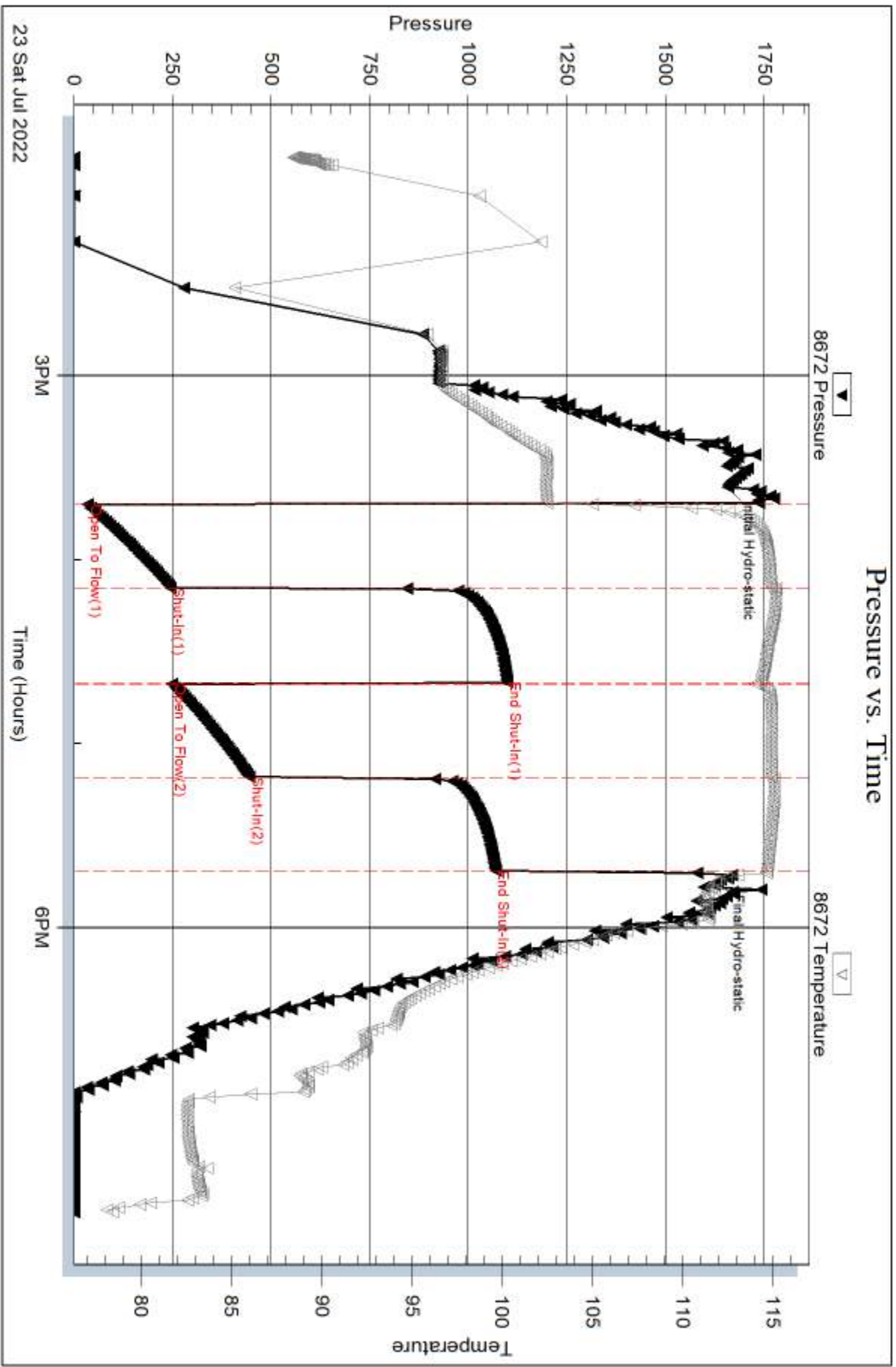
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.347@82F=17,000ppm



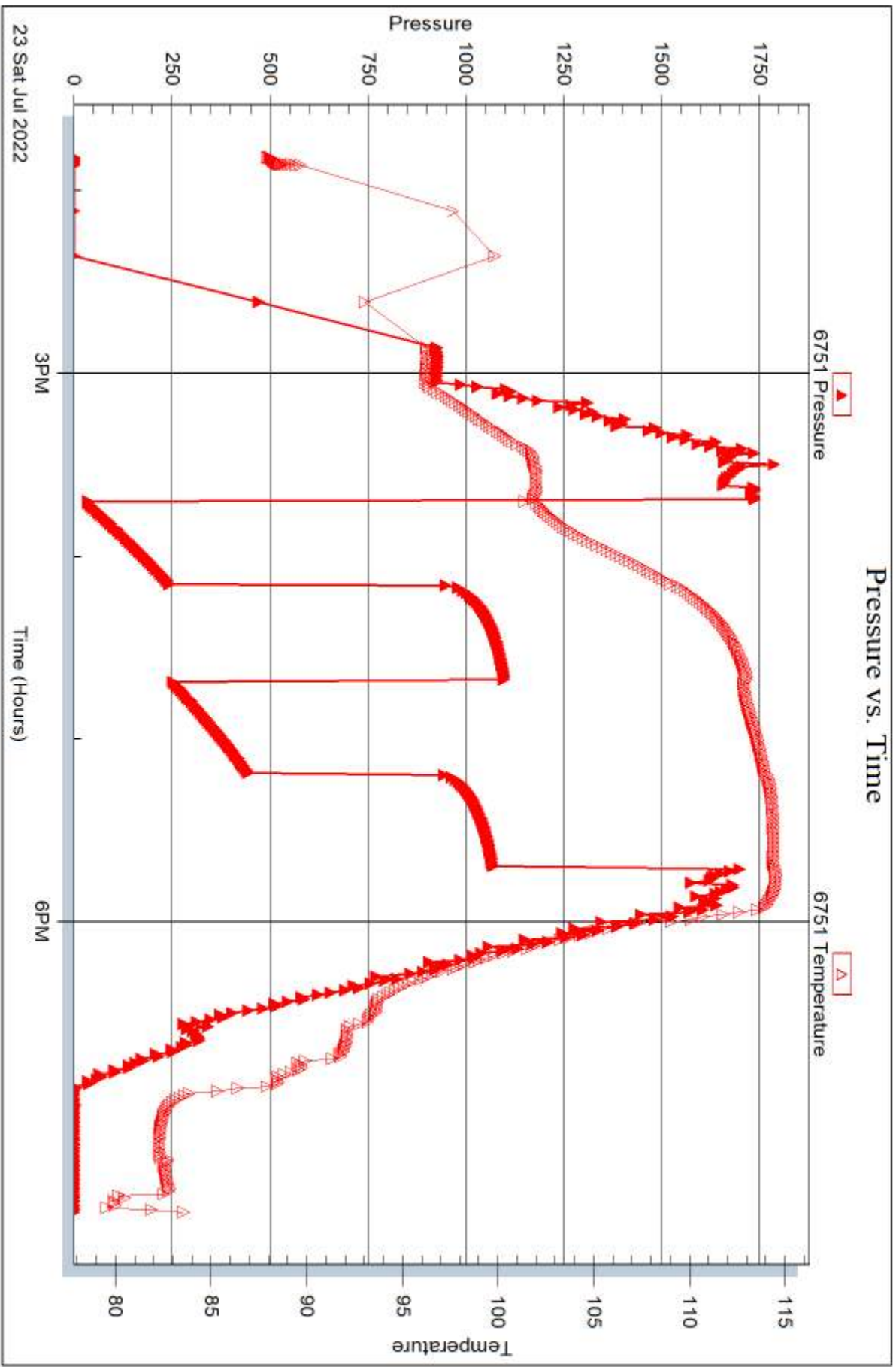
Serial #: 6751

Outside

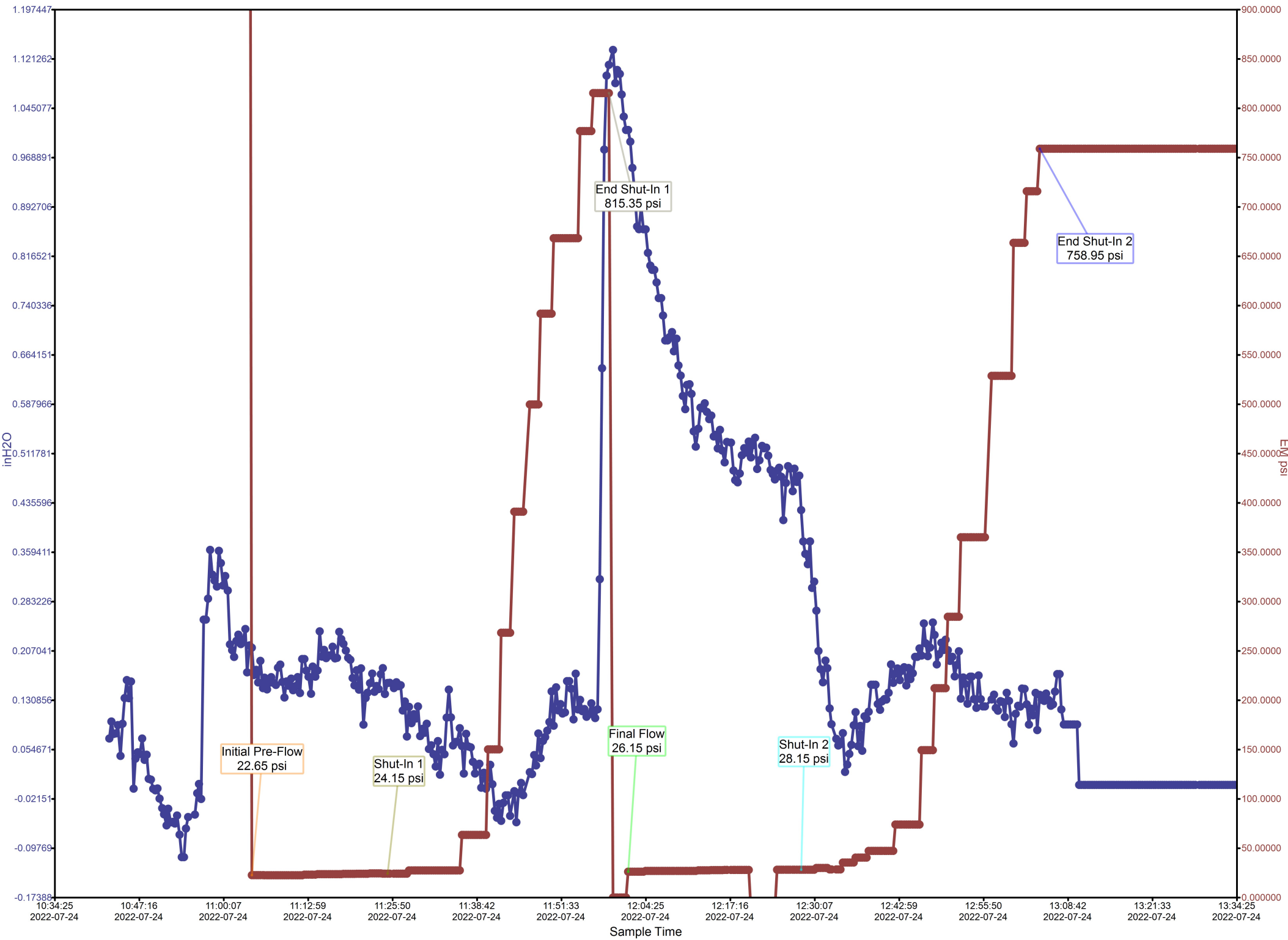
Palomino Petroleum, Inc.

Scarface 1

DST Test Number: 2



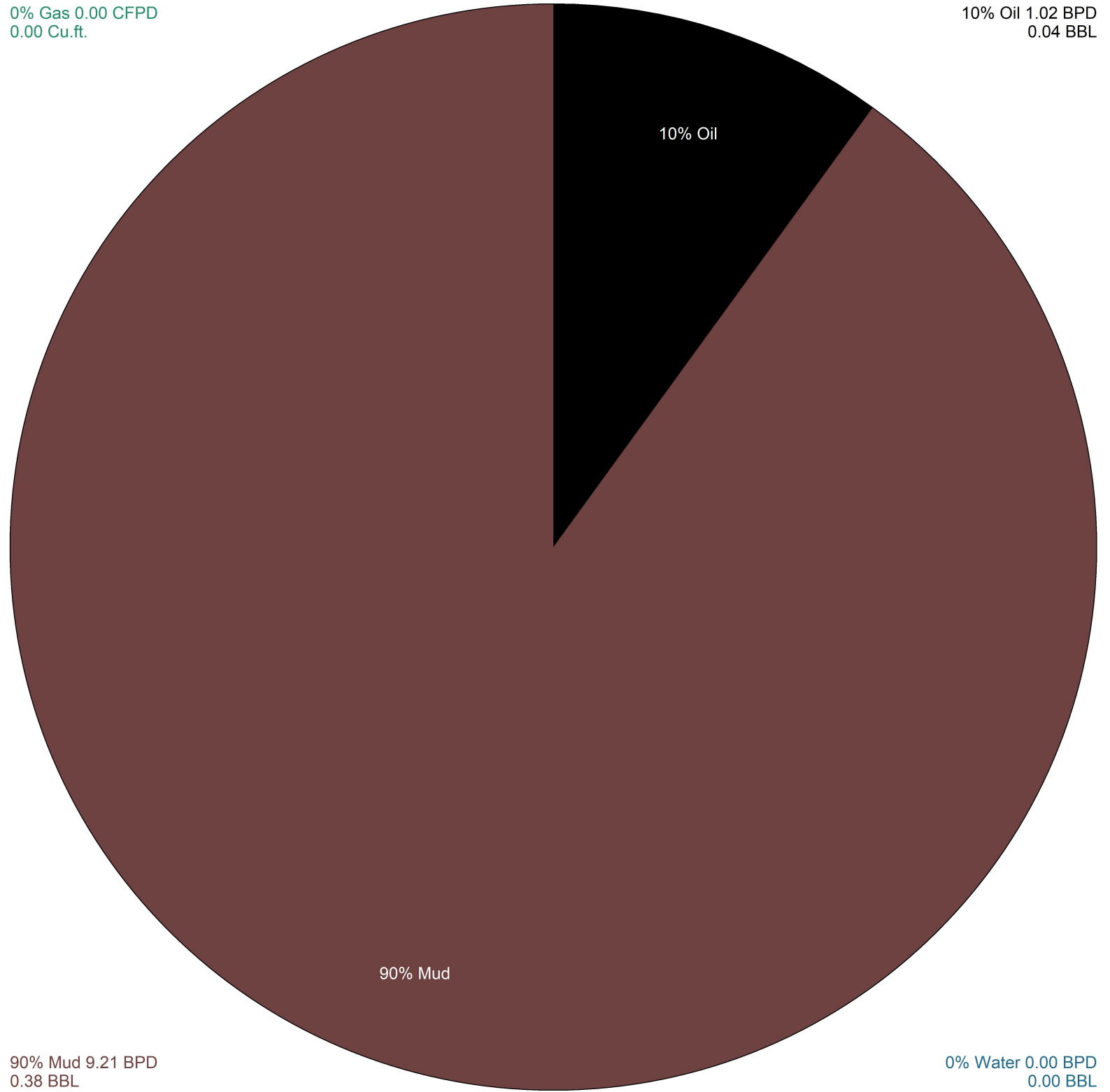
Palomino Petroleum - Scarface 1 - DST 3



Calculated Recovery Analysis - Palomino Petroleum - Scarface 1 - DST 3

0% Gas 0.00 CFPD
0.00 Cu.ft.

10% Oil 1.02 BPD
0.04 BBL



10% Oil

90% Mud

90% Mud 9.21 BPD
0.38 BBL

0% Water 0.00 BPD
0.00 BBL



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

19/16/12

4924 SE 84 th St.
New ton, KS 67114

Scarface 1

Job Ticket: 68911

DST#: 3

ATTN: Keaton Jones

Test Start: 2022.07.24 @ 09:28:00

GENERAL INFORMATION:

Formation: **Kansas City**

Deviated: No Whipstock: 1951.00 ft (KB)

Time Tool Opened: 10:54:47

Time Test Ended: 14:32:02

Test Type: Conventional Straddle (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: **3280.00 ft (KB) To 3369.00 ft (KB) (TVD)**

Reference Elevations: 1951.00 ft (KB)

Total Depth: 3515.00 ft (KB) (TVD)

1941.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8672 Outside

Press@RunDepth: 29.51 psig @ 3349.00 ft (KB)

Capacity: psig

Start Date: 2022.07.24

End Date:

2022.07.24

Last Calib.: 1899.12.30

Start Time: 09:28:01

End Time:

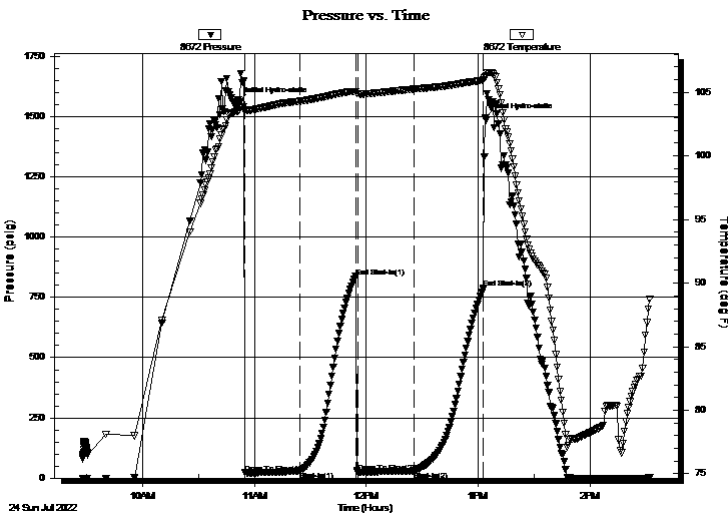
14:32:02

Time On Btm: 2022.07.24 @ 10:51:47

Time Off Btm: 2022.07.24 @ 13:03:47

TEST COMMENT: IF: 30 min., weak surface blow, .3 inches
IS: 30 min., no blow back
FF: 30 min., weak surface blow, 1 inch
FS: 30 min., no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1559.46	103.56	Initial Hydro-static
3	21.32	103.50	Open To Flow (1)
33	29.89	104.31	Shut-In(1)
63	836.36	105.07	End Shut-In(1)
64	24.87	104.90	Open To Flow (2)
94	29.51	105.25	Shut-In(2)
131	787.63	105.97	End Shut-In(2)
132	1495.06	106.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	oil cut mud 10%O, 90%M	0.42

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
4924 SE 84 th St.
New ton, KS 67114
ATTN: Keaton Jones

19/16/12
Scarface 1
Job Ticket: 68911 **DST#: 3**
Test Start: 2022.07.24 @ 09:28:00

GENERAL INFORMATION:

Formation: **Kansas City**

Deviated: No Whipstock: 1951.00 ft (KB)

Time Tool Opened: 10:54:47

Time Test Ended: 14:32:02

Interval: 3280.00 ft (KB) To 3369.00 ft (KB) (TVD)

Total Depth: 3515.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Test Type: Conventional Straddle (Initial)

Tester: Chris Hagman

Unit No: 69

Reference Elevations: 1951.00 ft (KB)

1941.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6751

Inside

Press@RunDepth: psig @ 3349.00 ft (KB)

Start Date: 2022.07.24

End Date:

2022.07.24

Start Time: 09:28:01

End Time:

14:32:02

Capacity: psig

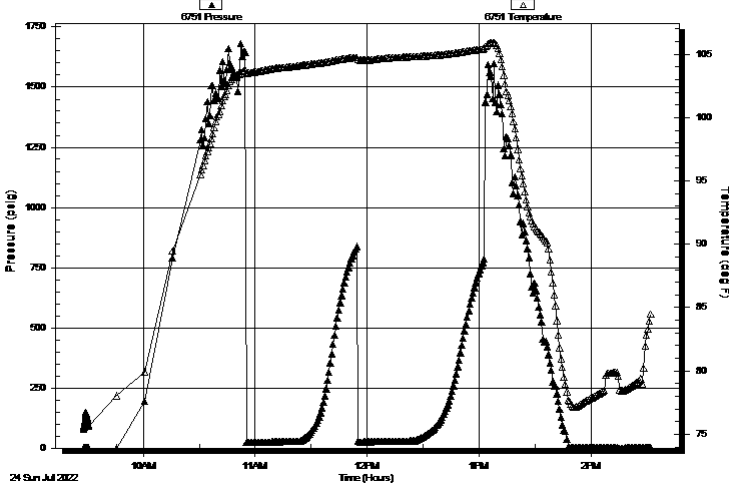
Last Calib.: 1899.12.30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 30 min., weak surface blow, .3 inches
IS: 30 min., no blow back
FF: 30 min., weak surface blow, 1 inch
FS: 30 min., no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
30.00	oil cut mud 10%O, 90%M	0.42

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

19/16/12

4924 SE 84 th St.
New ton, KS 67114

Scarface 1

Job Ticket: 68911

DST#: 3

ATTN: Keaton Jones

Test Start: 2022.07.24 @ 09:28:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	oil cut mud 10%O, 90%M	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

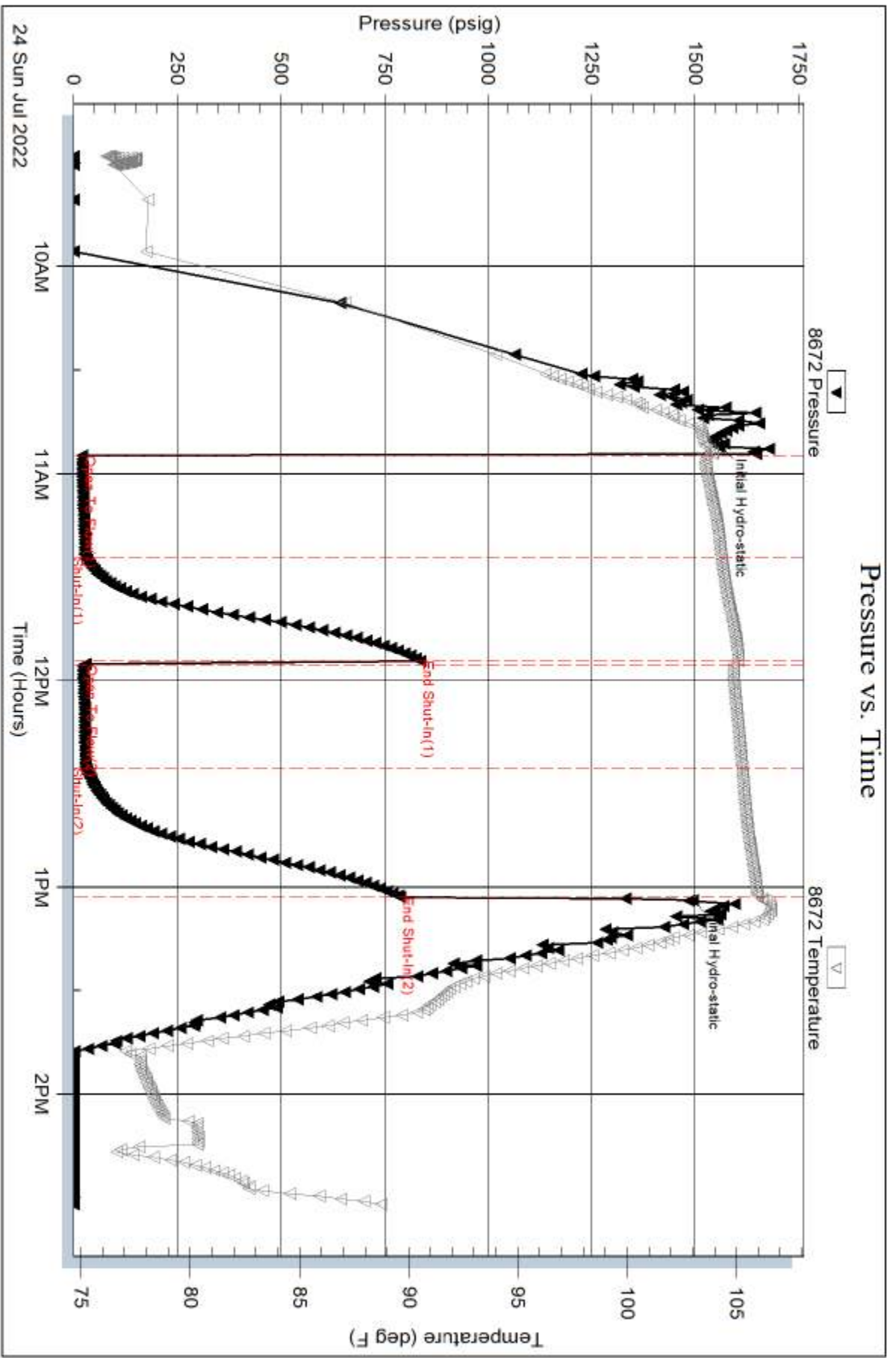
Recovery Comments:

Serial #: 8672

Outside Palomino Petroleum, Inc.

Scarface 1

DST Test Number: 3



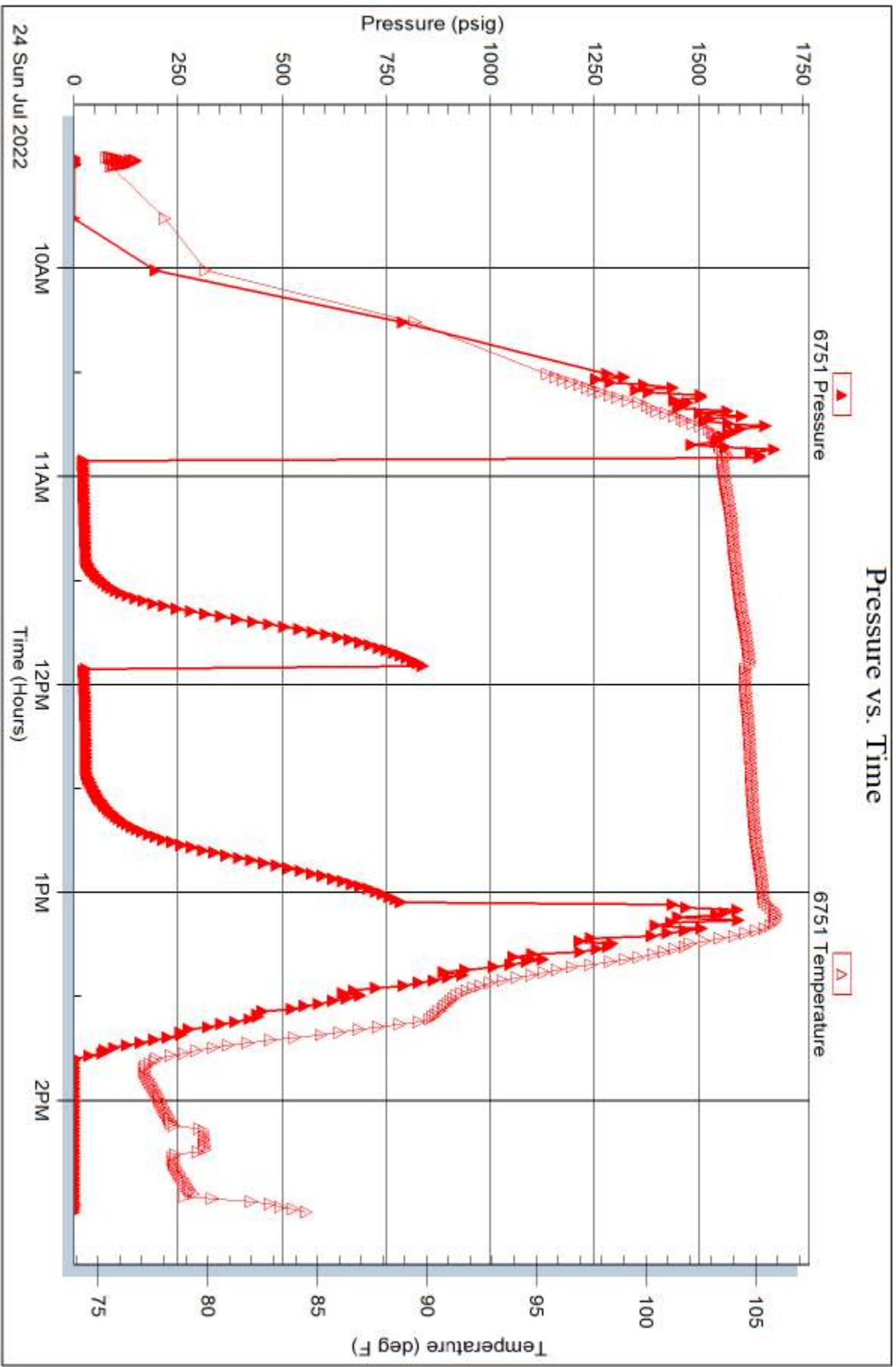
Serial #: 6751

Inside

Palomino Petroleum, Inc.

Scarface 1

DST Test Number: 3

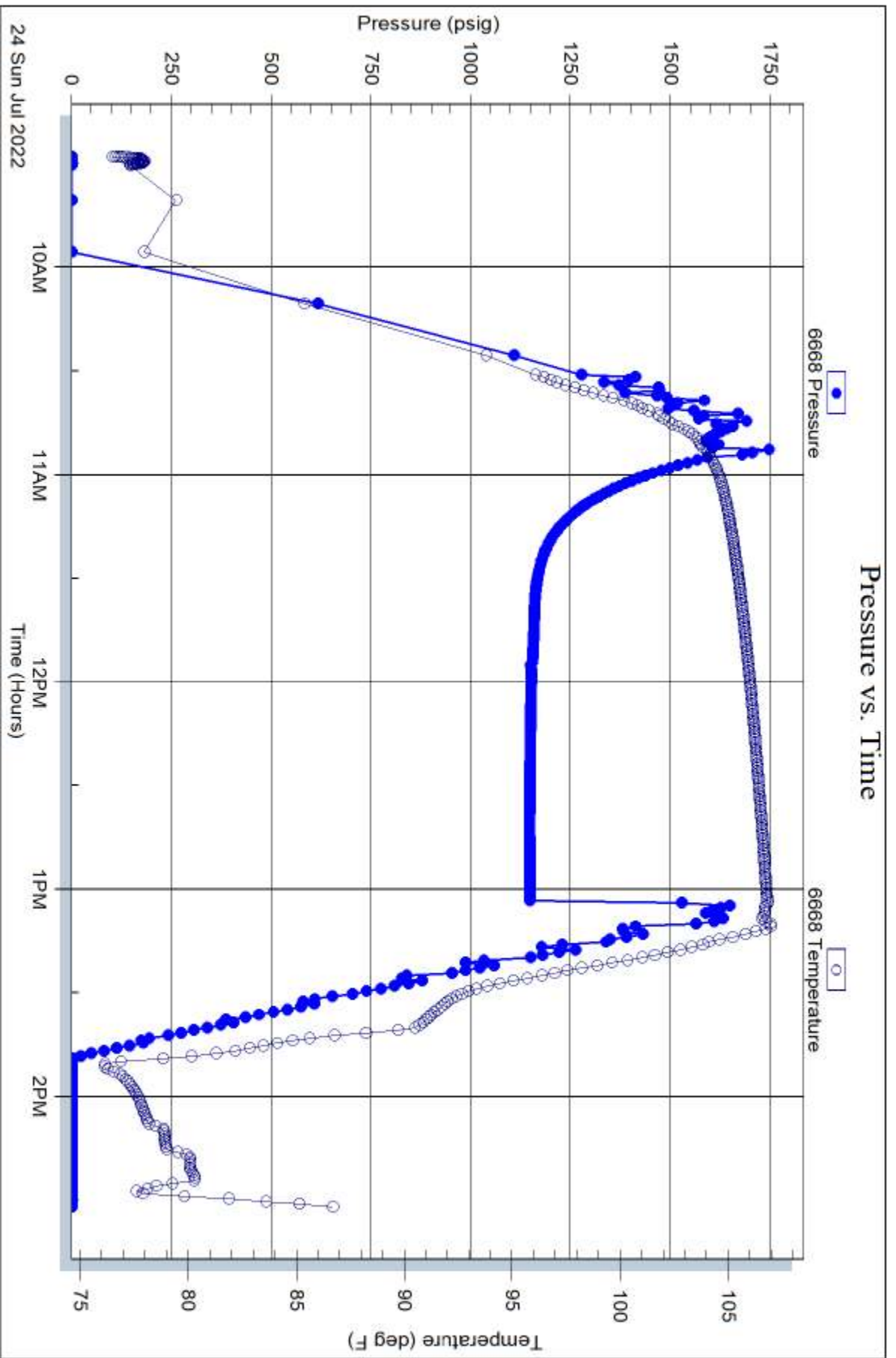


Serial #: 6668

Below (Str Ratten) Petrodeum, Inc.

Scarface 1

DST Test Number: 3

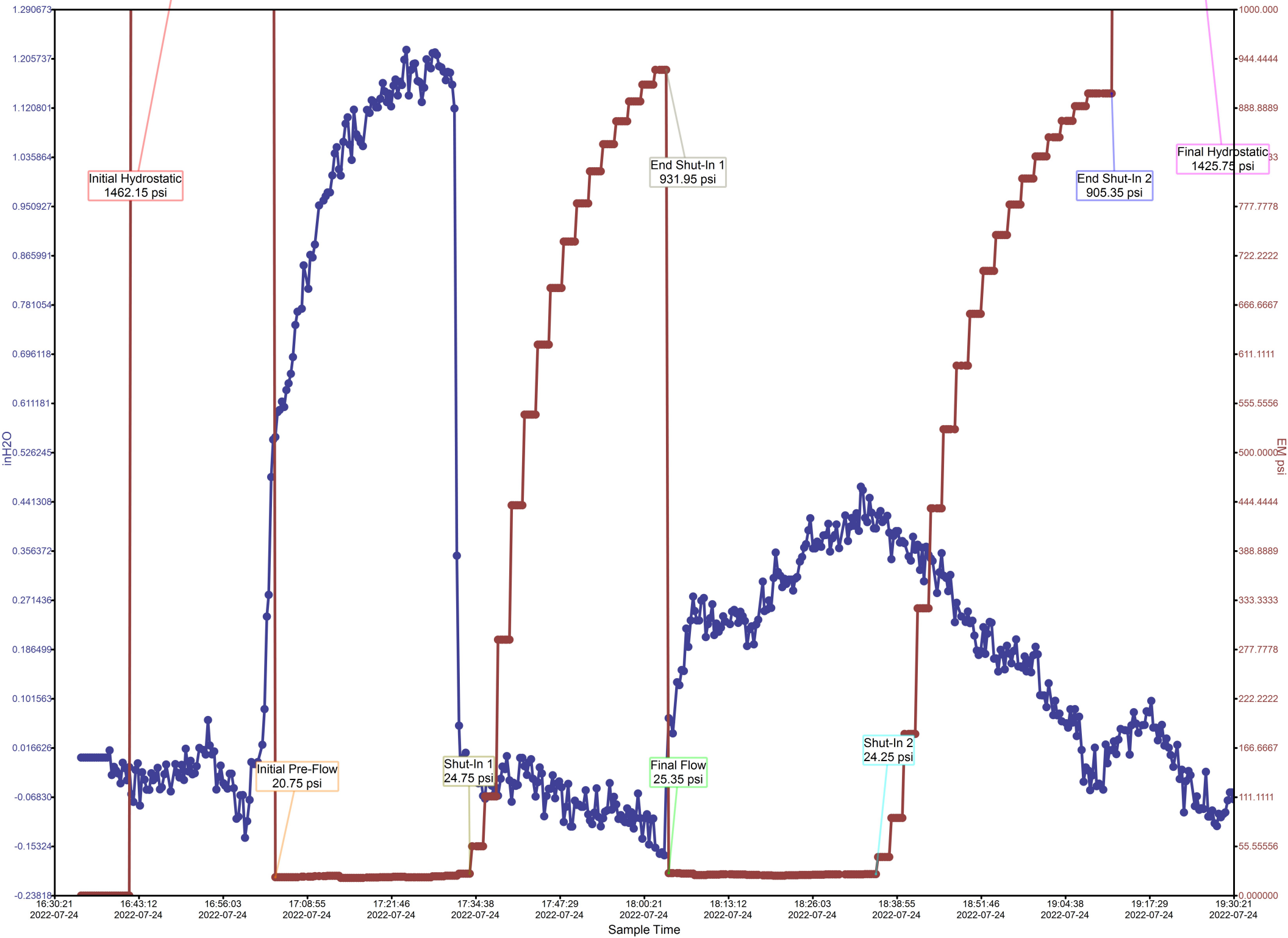


Trilobite Testing, Inc

Ref. No: 68911

Printed: 2022.07.24 @ 19:50:41

Palomino Petroleum - Scarface 1 - DST 4





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

19/16/12

4924 SE 84 th St.
New ton, KS 67114

Scarface 1

Job Ticket: 68912

DST#: 4

ATTN: Keaton Jones

Test Start: 2022.07.24 @ 15:19:00

GENERAL INFORMATION:

Formation: **Lansing A**

Deviated: No Whipstock: 1951.00 ft (KB)

Time Tool Opened: 16:59:47

Time Test Ended: 20:57:02

Test Type: Conventional Straddle (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 3085.00 ft (KB) To 3178.00 ft (KB) (TVD)

Reference Elevations: 1951.00 ft (KB)

Total Depth: 3515.00 ft (KB) (TVD)

1941.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8672 Outside

Press@RunDepth: 28.16 psig @ 3089.00 ft (KB)

Capacity: psig

Start Date: 2022.07.24

End Date:

2022.07.24

Last Calib.:

1899.12.30

Start Time: 15:19:01

End Time:

20:57:02

Time On Btm:

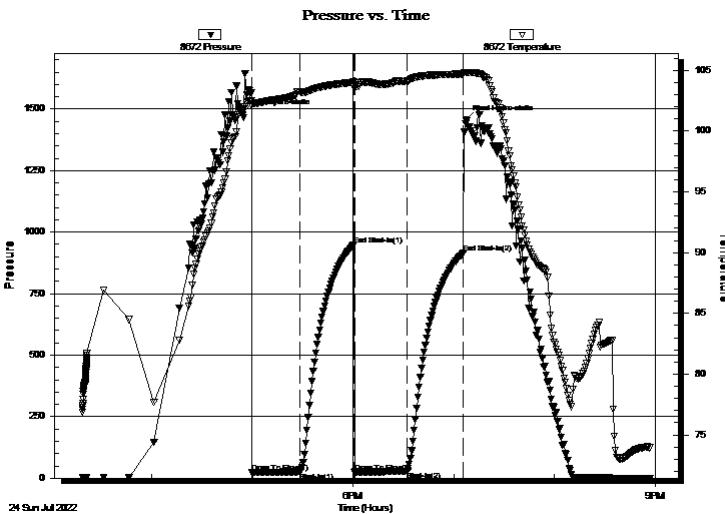
2022.07.24 @ 16:53:47

Time Off Btm:

2022.07.24 @ 19:07:17

TEST COMMENT: IF: 30 min., weak surface blow , 1 inch
IS: 30 min., no blow back
FF: 30 min., weak surface blow , .4 inches
FS: 30 min., no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1482.10	101.72	Initial Hydro-static
6	21.60	102.11	Open To Flow (1)
35	25.64	103.23	Shut-In(1)
67	947.52	104.04	End Shut-In(1)
67	22.04	103.52	Open To Flow (2)
98	28.16	104.08	Shut-In(2)
132	915.90	104.73	End Shut-In(2)
134	1456.38	104.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%M	0.14

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

19/16/12

4924 SE 84 th St.
New ton, KS 67114

Scarface 1

Job Ticket: 68912

DST#: 4

ATTN: Keaton Jones

Test Start: 2022.07.24 @ 15:19:00

GENERAL INFORMATION:

Formation: **Lansing A**

Deviated: No Whipstock: 1951.00 ft (KB)

Time Tool Opened: 16:59:47

Time Test Ended: 20:57:02

Test Type: Conventional Straddle (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 3085.00 ft (KB) To 3178.00 ft (KB) (TVD)

Reference Elevations: 1951.00 ft (KB)

Total Depth: 3515.00 ft (KB) (TVD)

1941.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6668 Below (Straddle)

Press@RunDepth: psig @ 3179.00 ft (KB)

Capacity: psig

Start Date: 2022.07.24

End Date:

2022.07.24

Last Calib.:

1899.12.30

Start Time: 15:19:01

End Time:

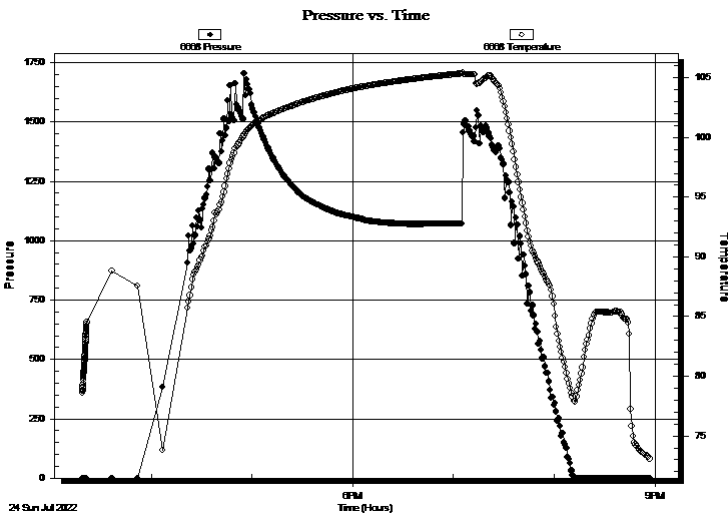
20:57:02

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 30 min., weak surface blow , 1 inch
IS: 30 min., no blow back
FF: 30 min., weak surface blow , .4 inches
FS: 30 min., no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%M	0.14

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

19/16/12

4924 SE 84 th St.
New ton, KS 67114

Scarface 1

Job Ticket: 68912

DST#: 4

ATTN: Keaton Jones

Test Start: 2022.07.24 @ 15:19:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100%M	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

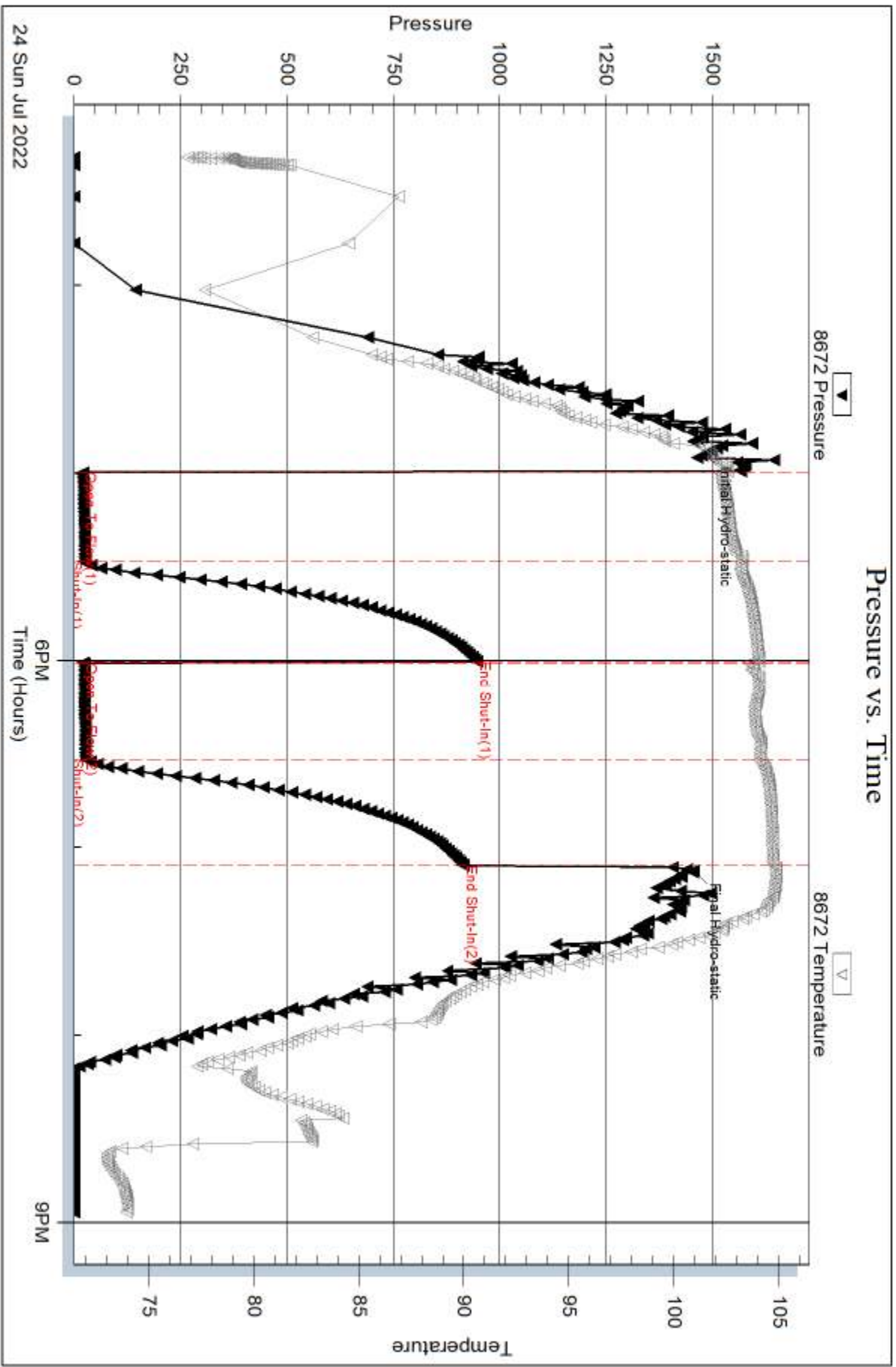
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



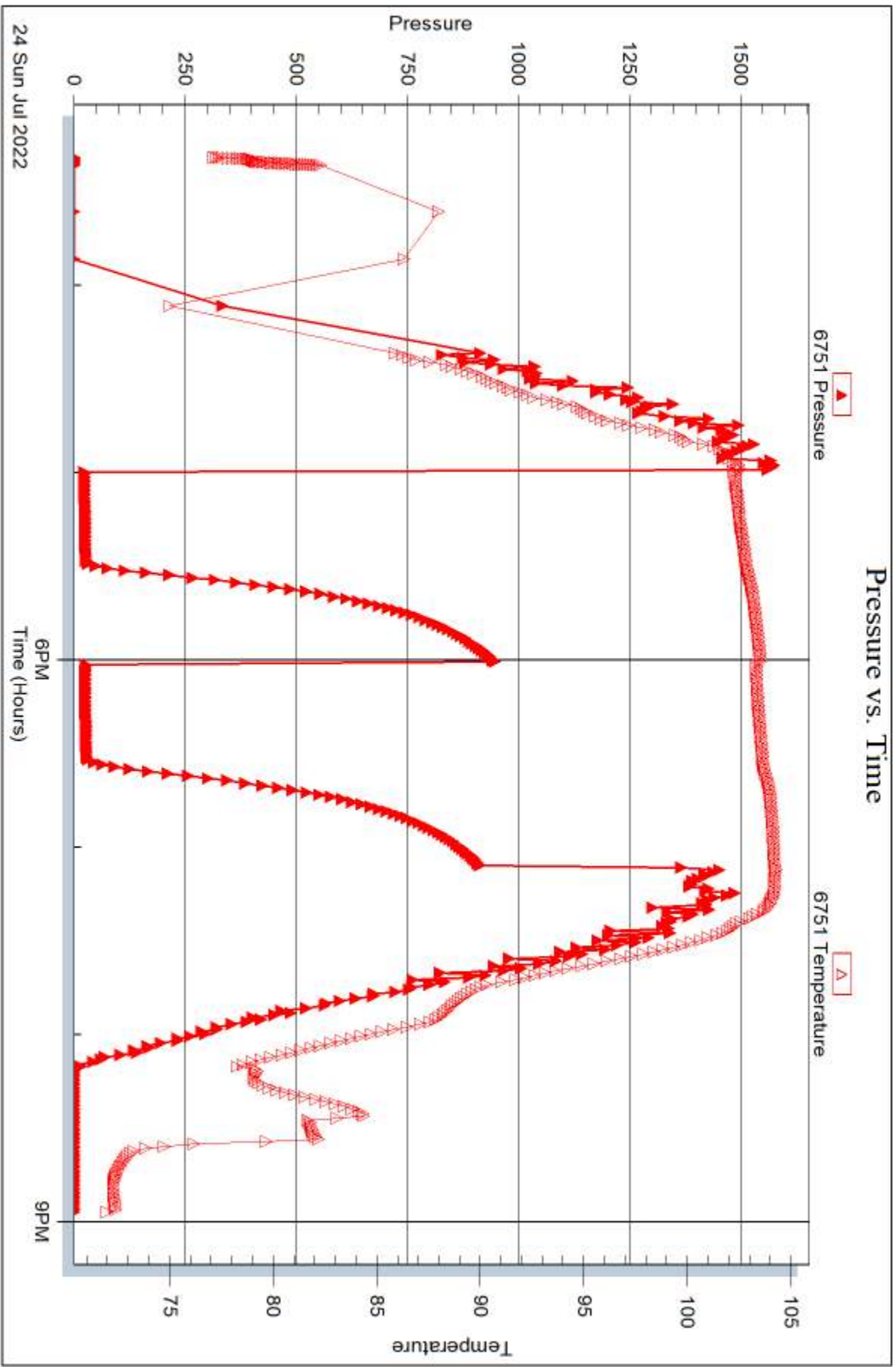
Serial #: 6751

Inside

Palomino Petroleum, Inc.

Scarface 1

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 68912

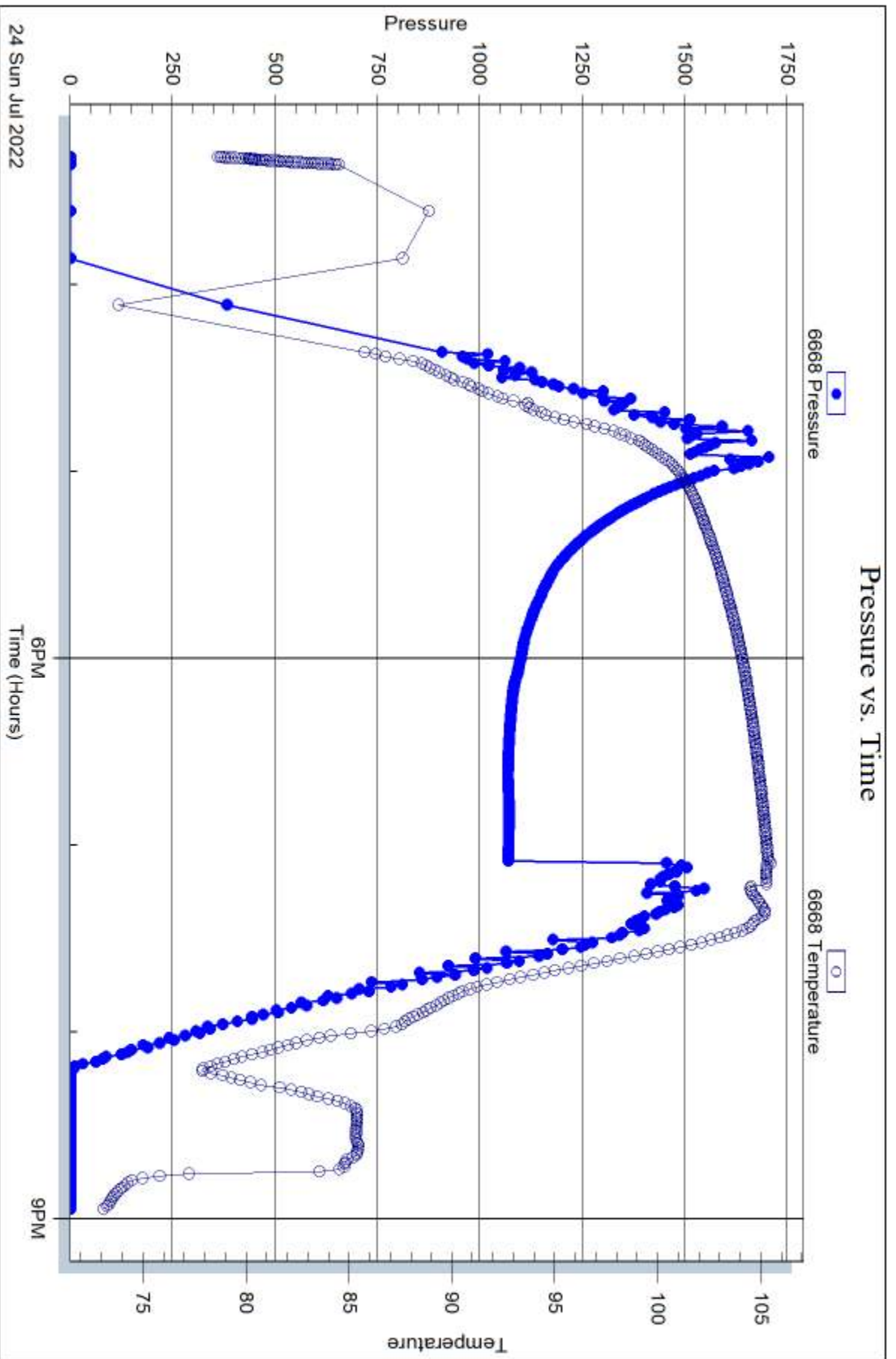
Printed: 2022.07.24 @ 22:15:34

Serial #: 6668

Below (Str Ratten) Petrodeum, Inc.

Scarface 1

DST Test Number: 4



24 Sun Jul 2022

6PM
Time (Hours)

9PM

Trilobite Testing, Inc

Ref. No: 68912

Printed: 2022.07.24 @ 22:15:34